

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092920\
 Data File : VD066952.D
 Acq On : 29 Sep 2020 22:42
 Operator : VA/SY
 Sample : VW0929SBS02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VW0929SBS02

Manual Integrations
 APPROVED

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 9/30/2020 1:22:23 PM

Quant Time: Sep 30 04:44:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	376919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	621036	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	569456	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	270436	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	178346	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
35) Dibromofluoromethane	7.91	113	190651	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
50) Toluene-d8	10.34	98	658326	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
62) 4-Bromofluorobenzene	12.63	95	237789	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	64770	21.305	ug/l	93
3) Chloromethane	2.21	50	67300	19.434	ug/l	99
4) Vinyl Chloride	2.35	62	63979	18.700	ug/l	100
5) Bromomethane	2.76	94	46340	19.270	ug/l	92
6) Chloroethane	2.92	64	41393	19.482	ug/l	98
7) Trichlorofluoromethane	3.27	101	139159	19.805	ug/l	100
8) Diethyl Ether	3.70	74	37796	21.188	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	81339	19.964	ug/l	99
10) Methyl Iodide	4.30	142	72184	20.077	ug/l	96
11) Tert butyl alcohol	5.21	59	30098	107.868	ug/l #	93
12) 1,1-Dichloroethene	4.07	96	74268	20.122	ug/l	100
13) Acrolein	3.92	56	23135	85.010	ug/l	94
14) Allyl chloride	4.71	41	104903	19.356	ug/l	95
15) Acrylonitrile	5.43	53	81815	103.495	ug/l	99
16) Acetone	4.16	43	66815	85.377	ug/l	89
17) Carbon Disulfide	4.41	76	222828	19.747	ug/l	100
18) Methyl Acetate	4.71	43	40428	21.052	ug/l #	78
19) Methyl tert-butyl Ether	5.48	73	168438	21.014	ug/l	99
20) Methylene Chloride	4.97	84	106857	22.045	ug/l	94
21) trans-1,2-Dichloroethene	5.48	96	90416	21.157	ug/l	95
22) Diisopropyl ether	6.36	45	232256	20.842	ug/l	97
23) Vinyl Acetate	6.31	43	555868	93.567	ug/l	98
24) 1,1-Dichloroethane	6.26	63	152684	20.481	ug/l #	97
25) 2-Butanone	7.21	43	97114	103.262	ug/l	99
26) 2,2-Dichloropropane	7.21	77	125950	18.433	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	99279	21.381	ug/l	100
28) Bromochloromethane	7.55	49	59284	19.249	ug/l	90
29) Tetrahydrofuran	7.56	42	61001	101.229	ug/l	97
30) Chloroform	7.71	83	166600	20.732	ug/l	94
31) Cyclohexane	7.98	56	123795	18.455	ug/l #	88
32) 1,1,1-Trichloroethane	7.90	97	147510	20.292	ug/l	99
36) 1,1-Dichloropropene	8.11	75	121956	19.794	ug/l	99
37) Ethyl Acetate	7.30	43	45869	20.594	ug/l #	93
38) Carbon Tetrachloride	8.09	117	131075	19.459	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	131825	18.635	ug/l	96
40) Benzene	8.35	78	356288	20.749	ug/l	96
41) Methacrylonitrile	7.53	41	22294	16.276	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	101129	19.922	ug/l	98
43) Isopropyl Acetate	8.45	43	85201	19.841	ug/l	99
44) Trichloroethene	9.11	130	101721	20.783	ug/l	94
45) 1,2-Dichloropropane	9.38	63	89116	20.627	ug/l	96
46) Dibromomethane	9.47	93	49689	21.168	ug/l	97
47) Bromodichloromethane	9.66	83	128132	20.320	ug/l #	97
48) Methyl methacrylate	9.46	41	40963	19.348	ug/l	98
49) 1,4-Dioxane	9.46	88	11896	382.849	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	223696	102.808	ug/l	99
52) Toluene	10.40	92	233993	21.156	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	110499	20.589	ug/l	94
54) cis-1,3-Dichloropropene	10.08	75	132122	20.189	ug/l	93
55) 1,1,2-Trichloroethane	10.80	97	69212	21.449	ug/l	95
56) Ethyl methacrylate	10.66	69	72840	21.071	ug/l	98
57) 1,3-Dichloropropane	10.94	76	114978	21.579	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	196658	120.147	ug/l	99
59) 2-Hexanone	10.98	43	148723	101.355	ug/l	99
60) Dibromochloromethane	11.14	129	91605	21.751	ug/l	99
61) 1,2-Dibromoethane	11.24	107	68878	22.949	ug/l	99
64) Tetrachloroethene	10.87	164	87924	21.465	ug/l	99
65) Chlorobenzene	11.67	112	251558	21.222	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	95217	21.224	ug/l	97
67) Ethyl Benzene	11.74	91	427457	20.532	ug/l	97
68) m/p-Xylenes	11.86	106	334999	42.501	ug/l	100
69) o-Xylene	12.18	106	148794	20.877	ug/l	99
70) Styrene	12.20	104	267117	21.581	ug/l	99
71) Bromoform	12.36	173	51207	22.543	ug/l #	94
73) Isopropylbenzene	12.48	105	406399	20.802	ug/l	99
74) N-amyl acetate	12.29	43	77574	20.333	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	73381	21.768	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	55949m	24.964	ug/l	
77) Bromobenzene	12.76	156	99536	21.785	ug/l	95
78) n-propylbenzene	12.82	91	483664	20.579	ug/l	99
79) 2-Chlorotoluene	12.91	91	281246	20.999	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	354005	21.356	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	20396	22.769	ug/l	93
82) 4-Chlorotoluene	13.01	91	300076	21.254	ug/l	97
83) tert-Butylbenzene	13.23	119	279823	20.543	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	352794	21.462	ug/l	99
85) sec-Butylbenzene	13.40	105	403989	20.624	ug/l	99
86) p-Isopropyltoluene	13.52	119	368334	20.861	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	192457	21.320	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	192828	21.508	ug/l	99
89) n-Butylbenzene	13.85	91	317175	18.900	ug/l	99
90) Hexachloroethane	14.12	117	73705	20.562	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	165542	21.435	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11430	21.077	ug/l	94

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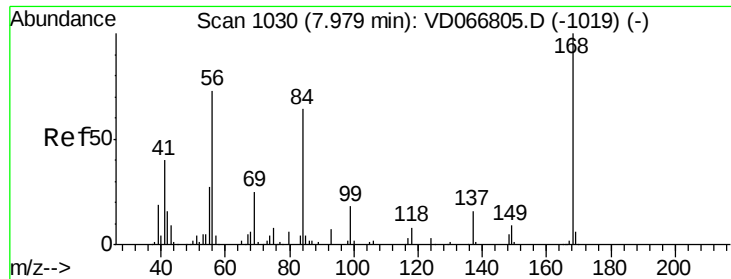
Manual Integrations
APPROVED

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	101882	20.956	ug/l	95
94) Hexachlorobutadiene	15.27	225	59980	20.588	ug/l	99
95) Naphthalene	15.41	128	168231	20.382	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	90281	21.515	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Instrument :

MSVOA_D

ClientSampleId :

VW0929SBS02

Tot Ion:168 Resp: 376919

Ion Ratio Lower Upper

168 100

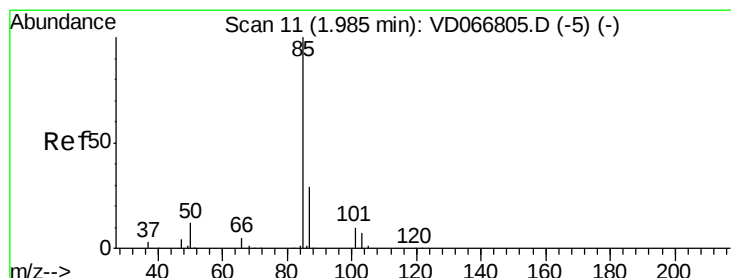
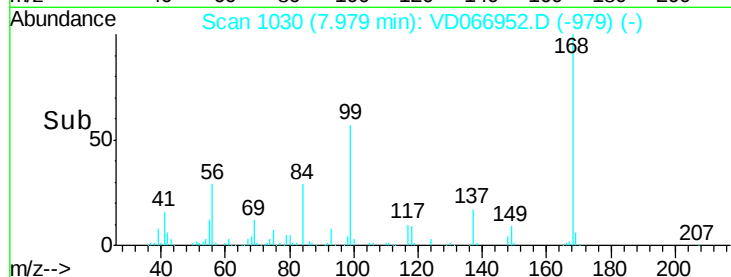
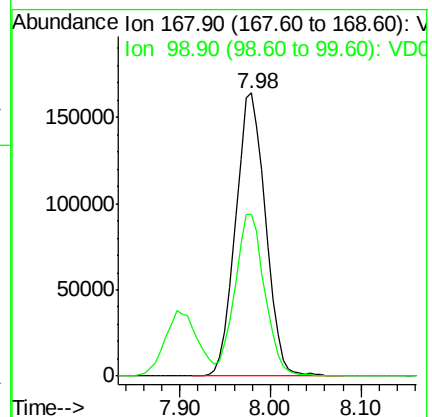
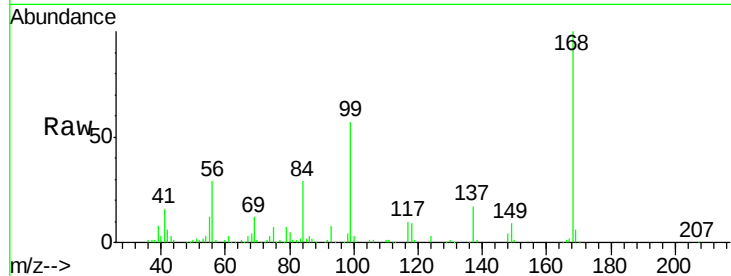
99 57.1 46.6 69.8

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 21.305 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066952.D

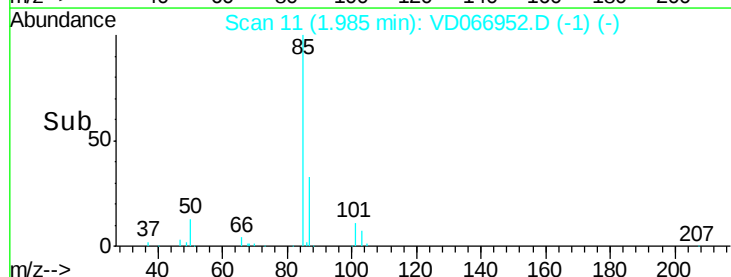
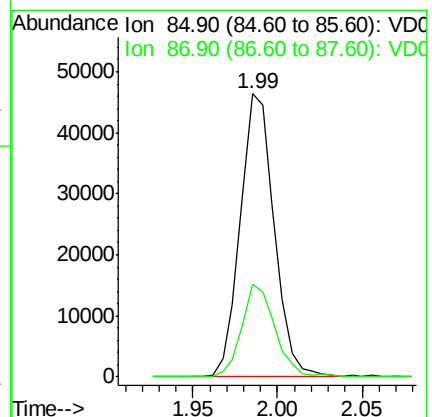
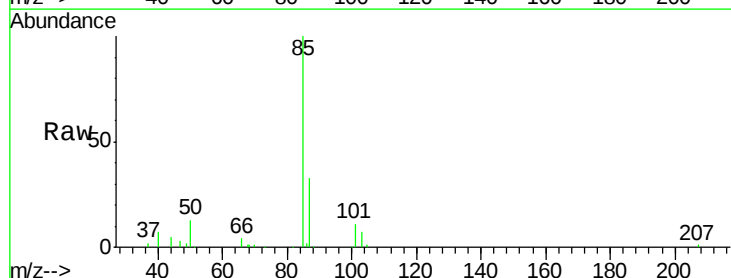
Acq: 29 Sep 2020 22:42

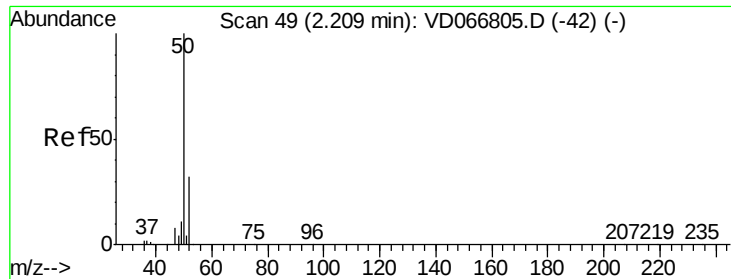
Tgt Ion: 85 Resp: 64770

Ion Ratio Lower Upper

85 100

87 32.6 14.5 43.5





#3

Chloromethane

Concen: 19.434 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Instrument :

MSVOA_D

ClientSampleId :

VW0929SBS02

Tot Ion: 50 Resp: 67300

Ion Ratio Lower Upper

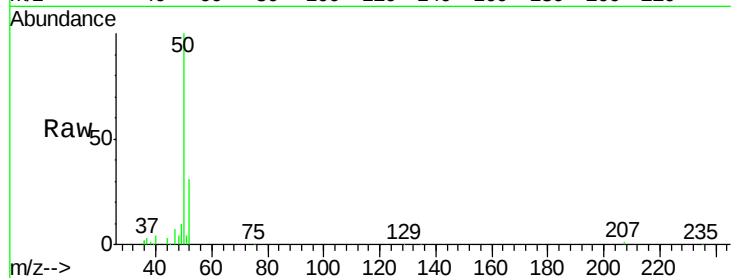
50 100

52 31.3 25.5 38.3

Manual Integrations
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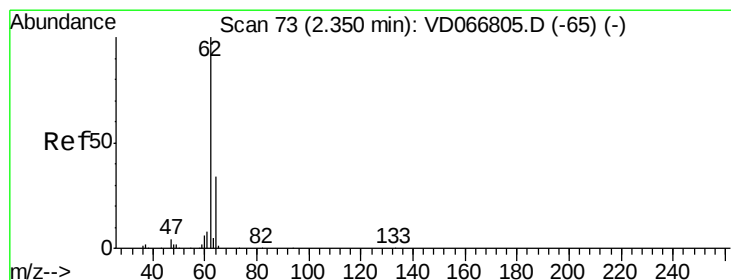
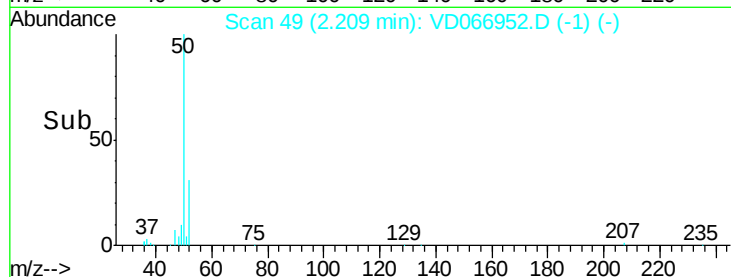
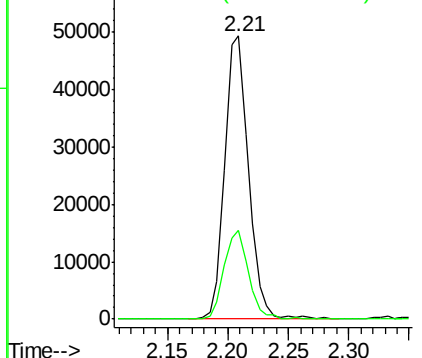
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 18.700 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066952.D

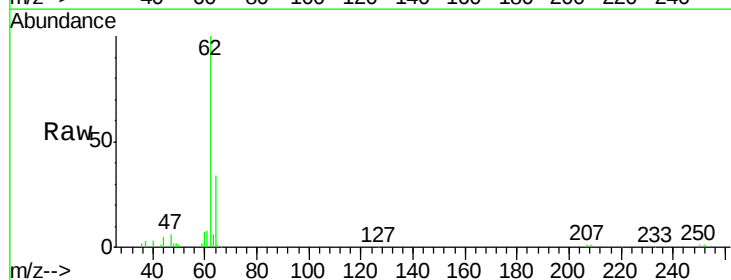
Acq: 29 Sep 2020 22:42

Tgt Ion: 62 Resp: 63979

Ion Ratio Lower Upper

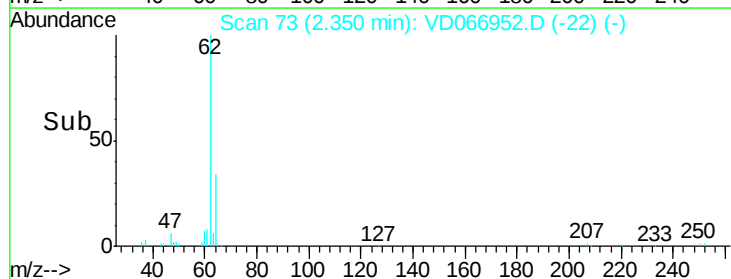
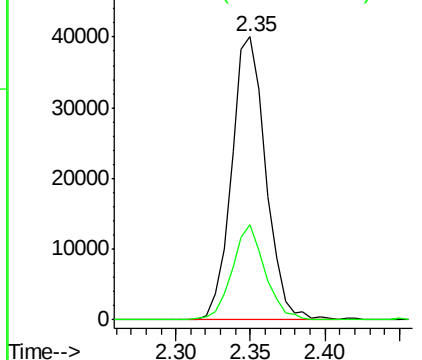
62 100

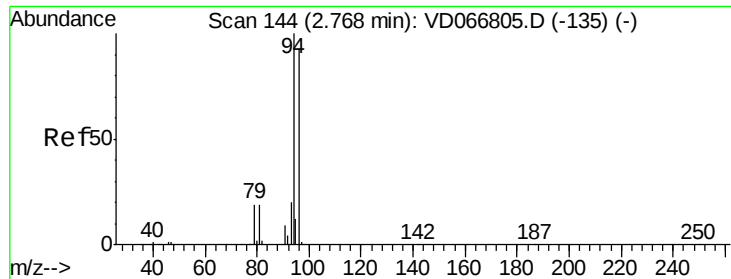
64 33.8 27.0 40.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 19.270 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Instrument :

MSVOA_D

ClientSampleId :

VW0929SBS02

Tot Ion: 94 Resp: 46340

Ion Ratio Lower Upper

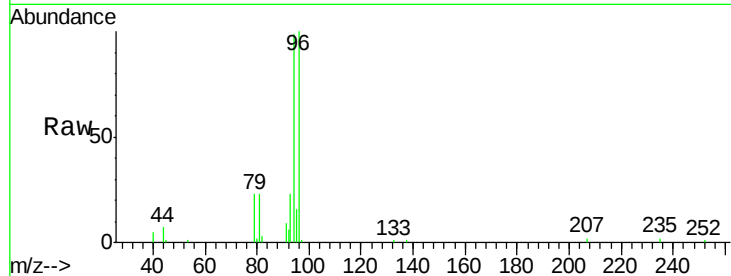
94 100

96 101.0 74.3 111.5

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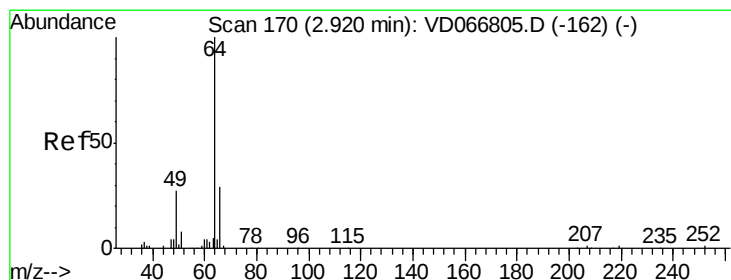
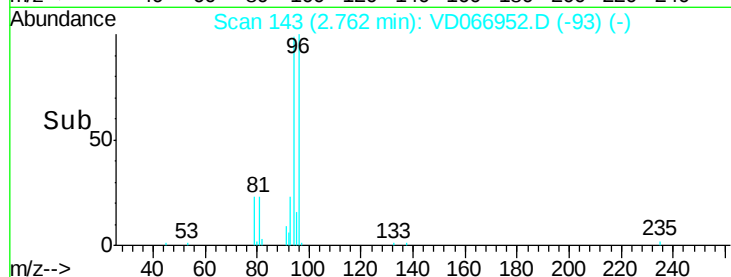
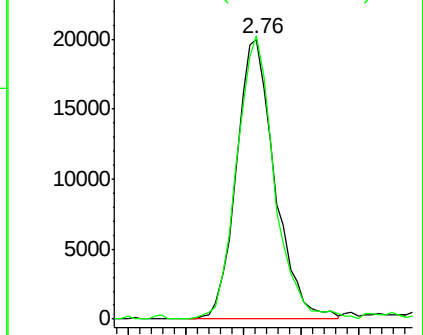
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 19.482 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066952.D

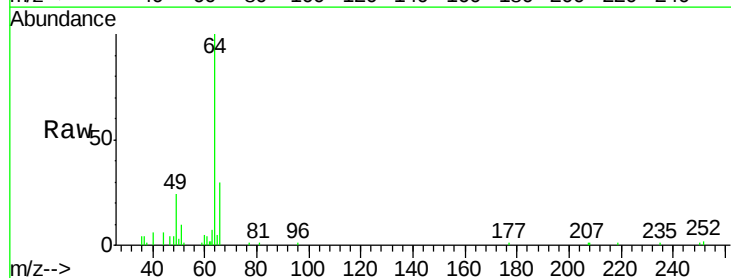
Acq: 29 Sep 2020 22:42

Tgt Ion: 64 Resp: 41393

Ion Ratio Lower Upper

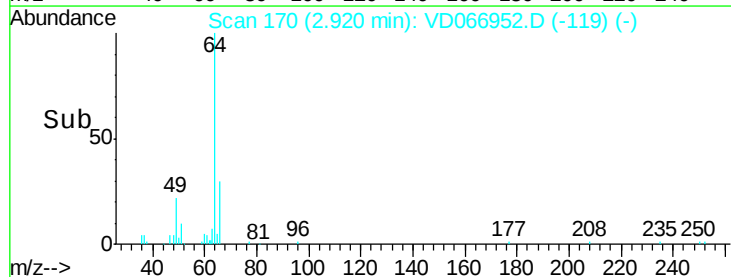
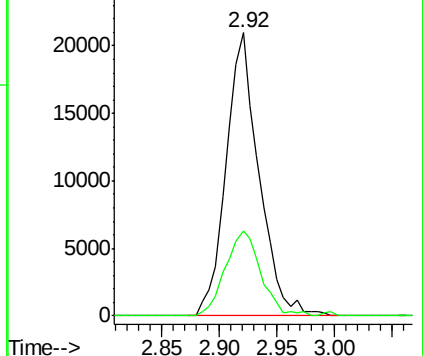
64 100

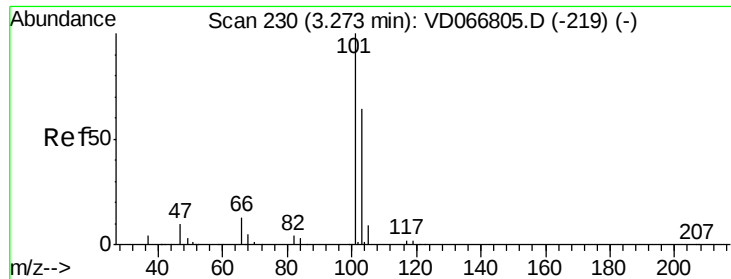
66 30.0 23.3 34.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

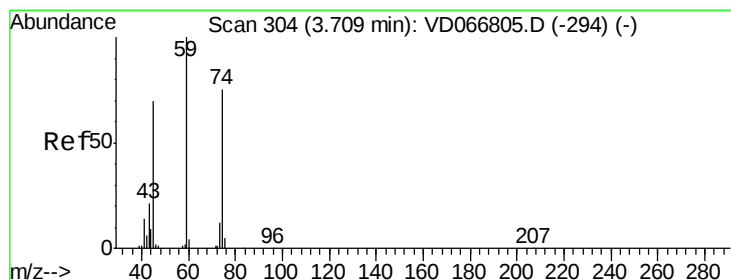
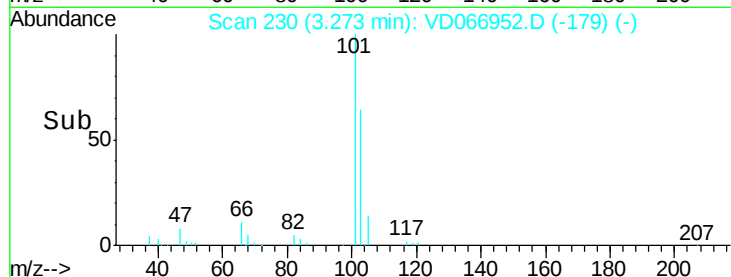
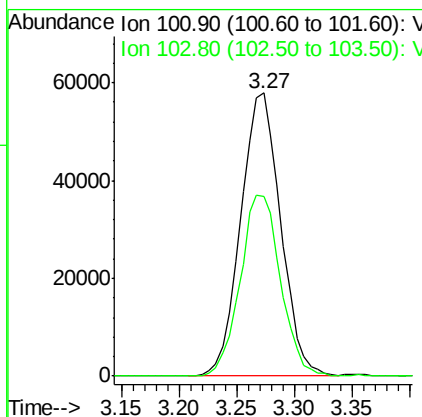
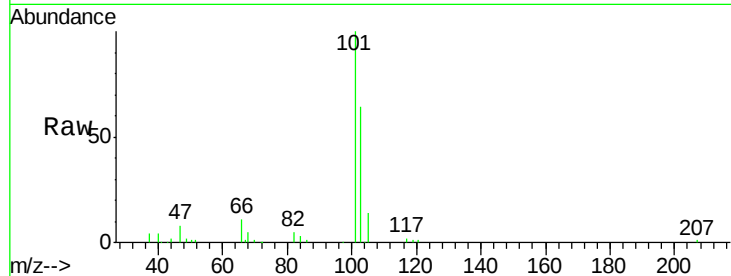
Trichlorofluoromethane
 Concen: 19.805 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066952.D
 Acq: 29 Sep 2020 22:42

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 VW0929SBS02

Tot Ion	Ratio	Resp	Lower	Upper
101	100	139159		
103	63.6	51.0	76.6	

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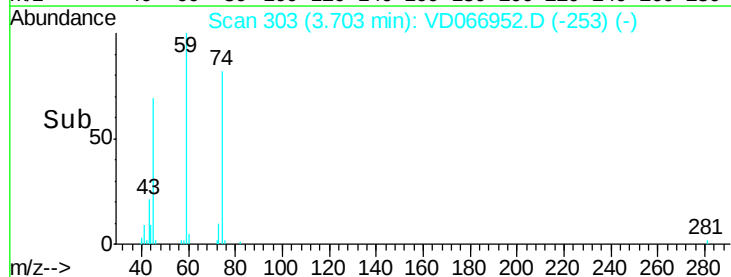
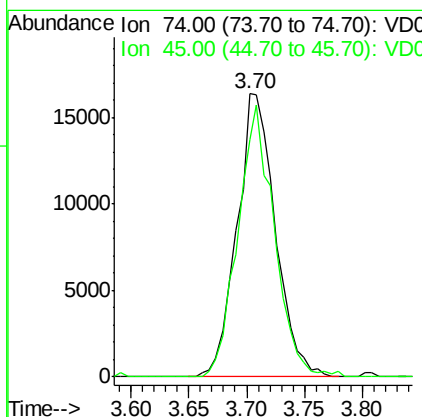
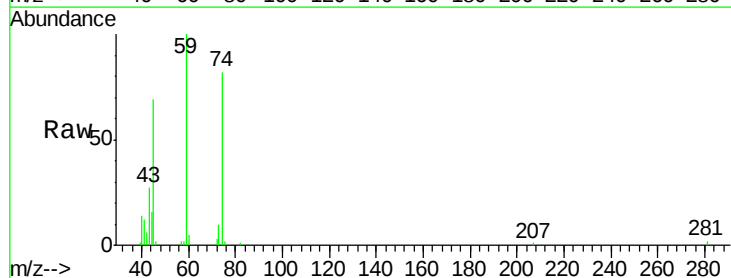
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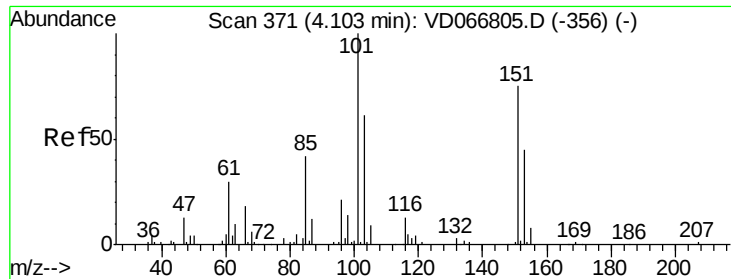


#8

Diethyl Ether
 Concen: 21.188 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD066952.D
 Acq: 29 Sep 2020 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	37796		
45	91.3	46.0	138.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.964 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.01 min

Lab File: VD066952.D

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Instrument :

MSVOA_D

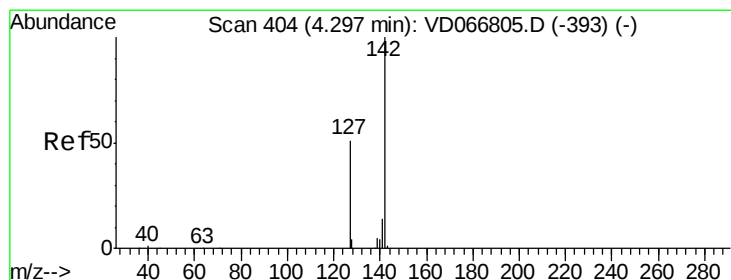
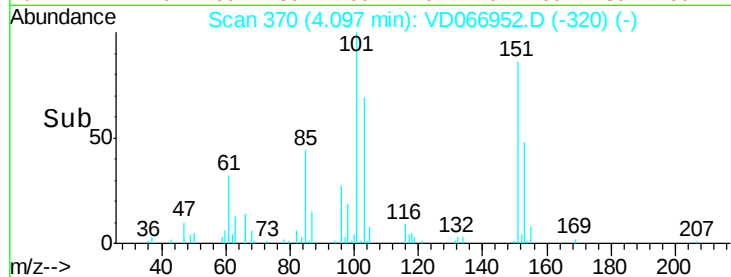
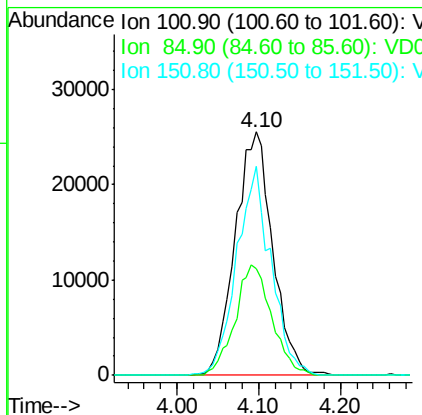
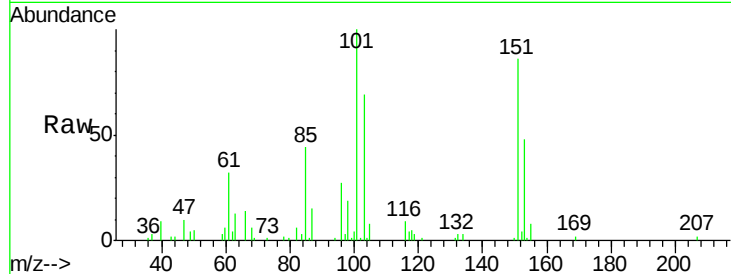
ClientSampleId :

VW0929SBS02

Tot Ion:	101	Resp:	81339
Ion Ratio	Lower	Upper	
101	100		
85	44.3	35.4	53.2
151	78.6	61.4	92.0

Manual Integrations
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#10

Methyl Iodide

Concen: 20.077 ug/l

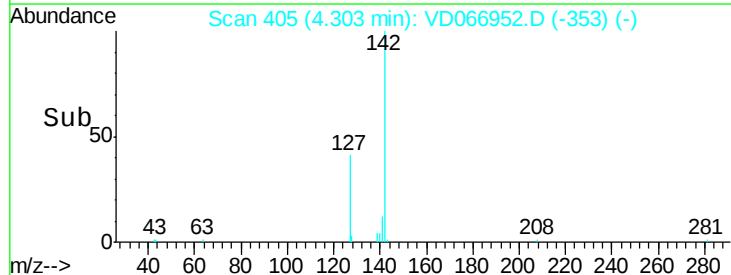
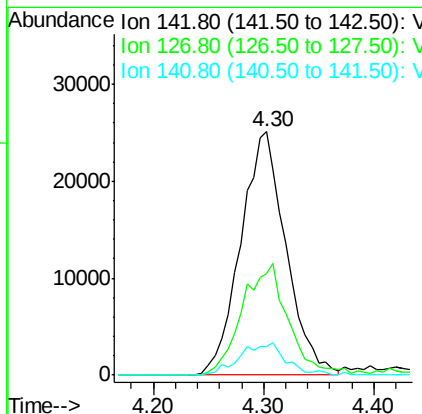
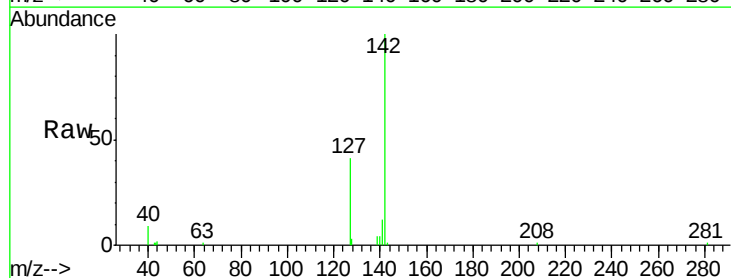
RT: 4.30 min Scan# 405

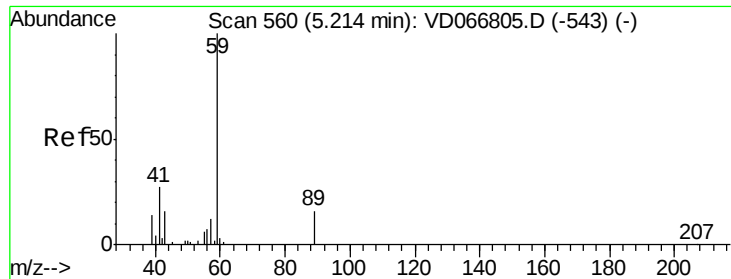
Delta R.T. 0.01 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Tgt Ion:	142	Resp:	72184
Ion Ratio	Lower	Upper	
142	100		
127	46.9	39.4	59.0
141	13.5	12.1	18.1





#11

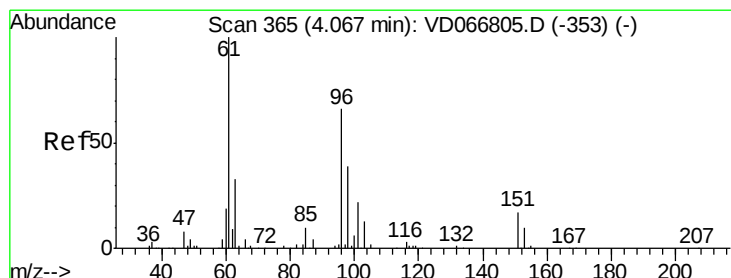
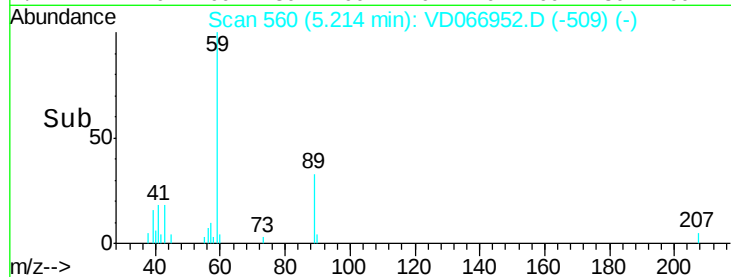
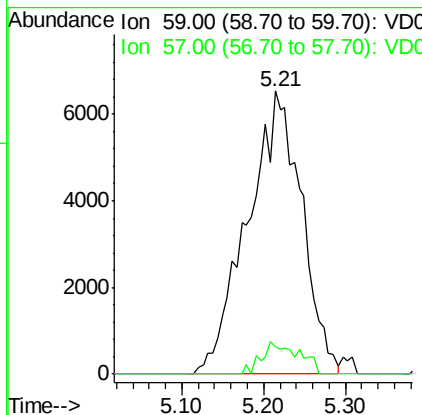
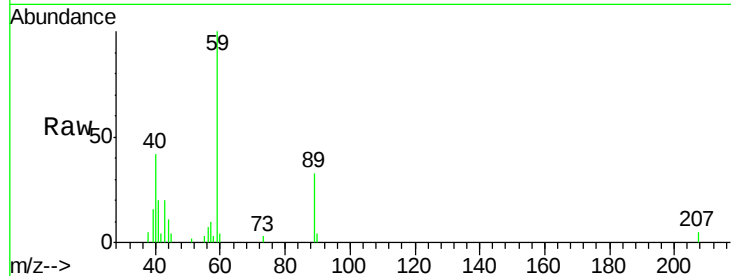
Tert butyl alcohol
 Concen: 107.868 ug/l
 RT: 5.21 min Scan# 560
 Delta R.T. 0.00 min
 Lab File: VD066952.D
 Acq: 29 Sep 2020 22:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VW0929SBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	7.7	8.3	12.5#

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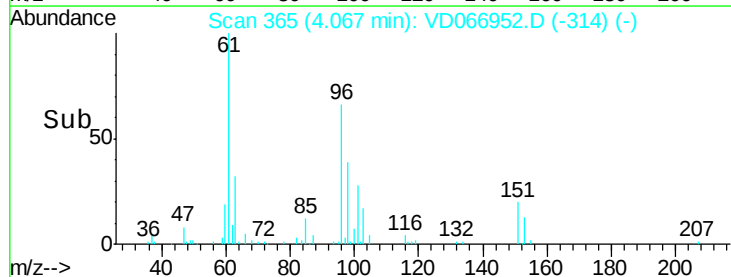
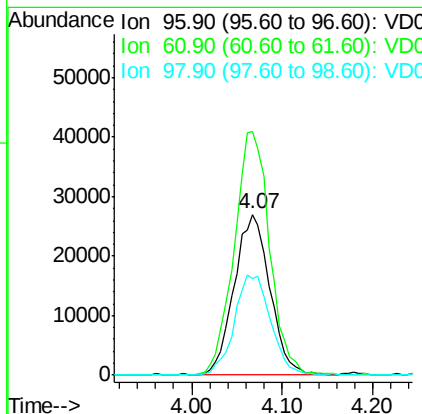
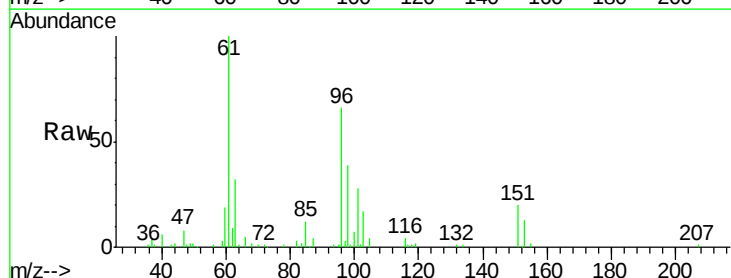
MMDadoda
 9/30/2020 1:22:23 PM

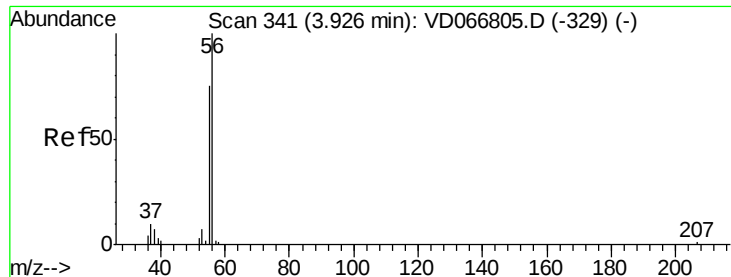


#12

1,1-Dichloroethene
 Concen: 20.122 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VD066952.D
 Acq: 29 Sep 2020 22:42

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.2	120.8	181.2
98	59.7	47.7	71.5





#13

Acrolein

Concen: 85.010 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Instrument :

MSVOA_D

ClientSampleId :

VW0929SBS02

Tot Ion: 56 Resp: 23135

Ion Ratio Lower Upper

56 100

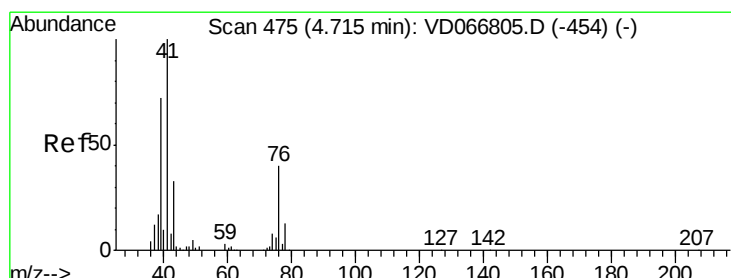
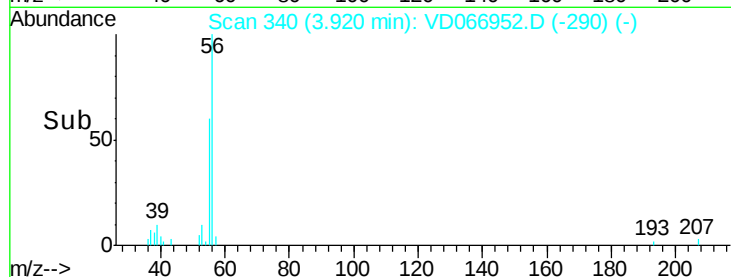
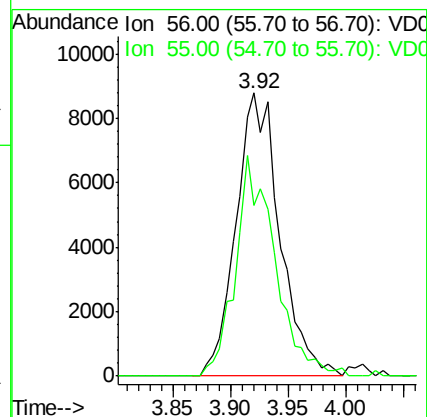
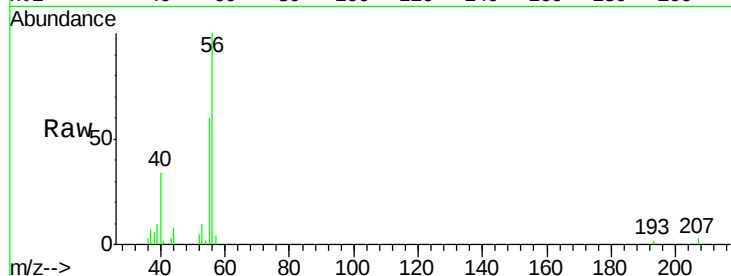
55 70.1 60.3 90.5

Manual Integrations

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#14

Allyl chloride

Concen: 19.356 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

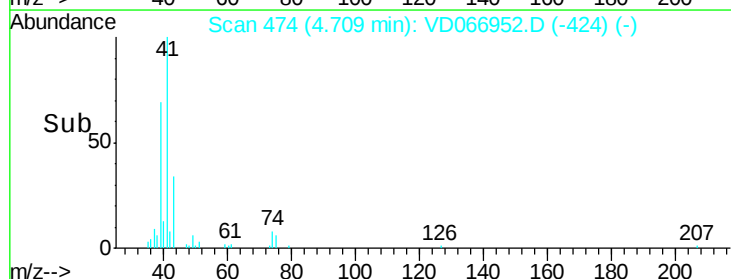
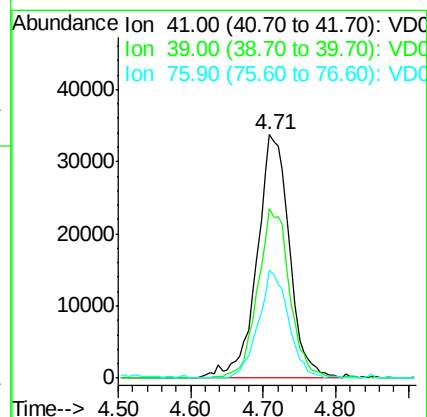
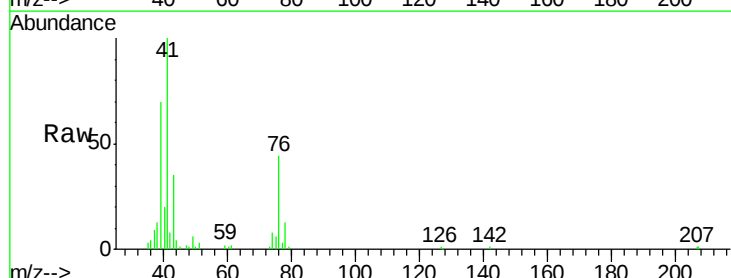
Tgt Ion: 41 Resp: 104903

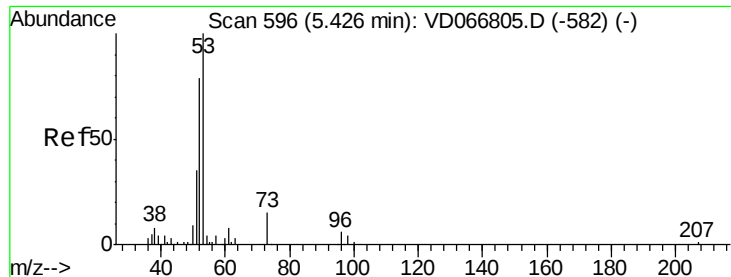
Ion Ratio Lower Upper

41 100

39 68.2 57.8 86.8

76 40.9 30.9 46.3





#15

Acrylonitrile

Concen: 103.495 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Instrument :

MSVOA_D

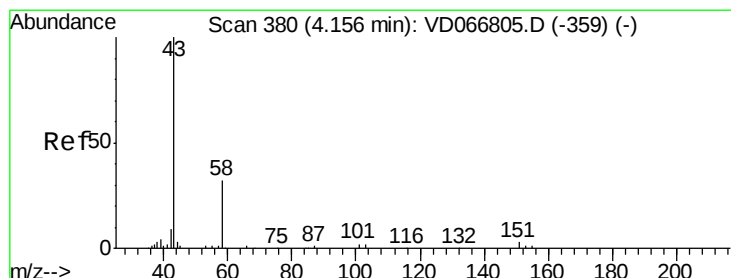
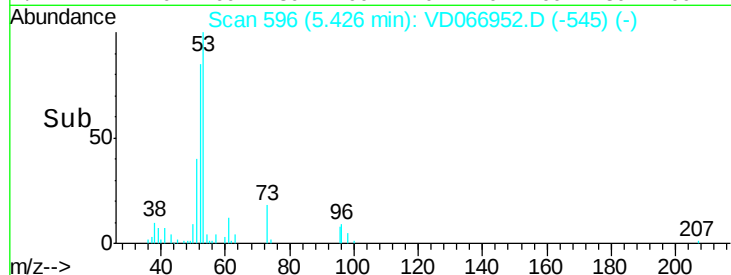
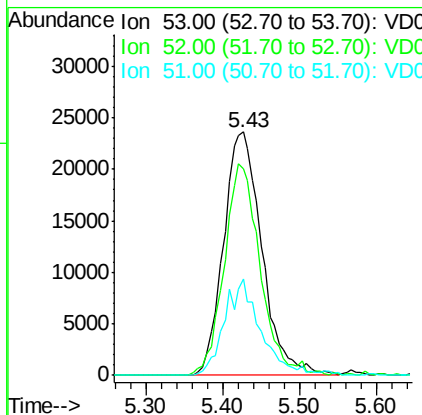
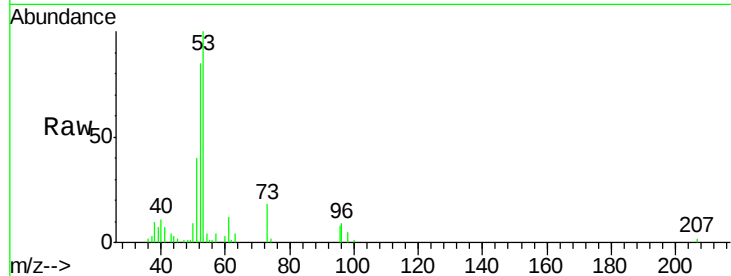
ClientSampleId :

VW0929SBS02

Tot Ion:	53	Resp:	81815
Ion	Ratio	Lower	Upper
53	100		
52	81.4	65.2	97.8
51	37.0	30.6	46.0

Manual Integrations
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#16

Acetone

Concen: 85.377 ug/l

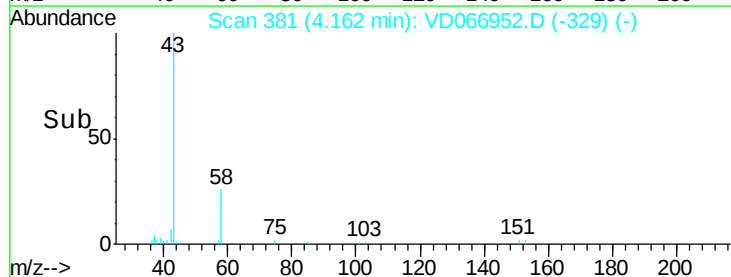
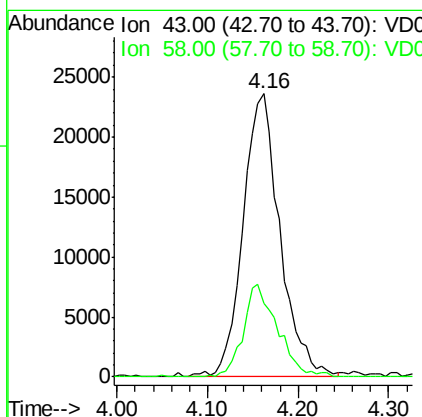
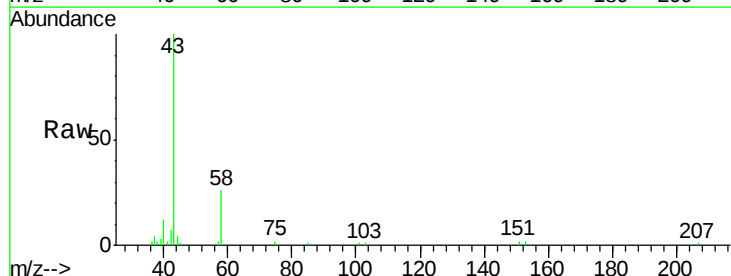
RT: 4.16 min Scan# 381

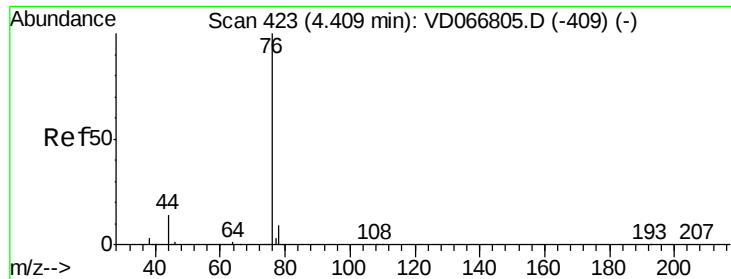
Delta R.T. 0.01 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Tgt Ion:	43	Resp:	66815
Ion	Ratio	Lower	Upper
43	100		
58	26.1	25.6	38.4





#17

Carbon Disulfide

Concen: 19.747 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Instrument :

MSVOA_D

ClientSampleId :

VW0929SBS02

Tot Ion: 76 Resp: 222828

Ion Ratio Lower Upper

76 100

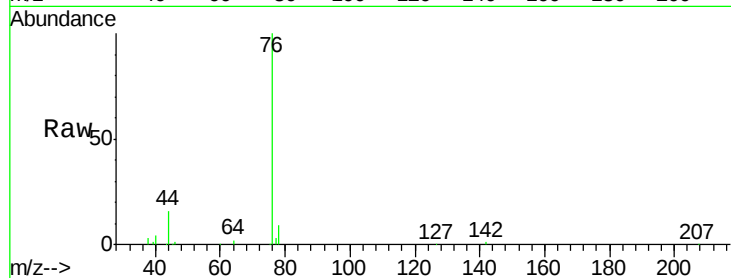
78 9.5 7.6 11.4

Manual Integrations

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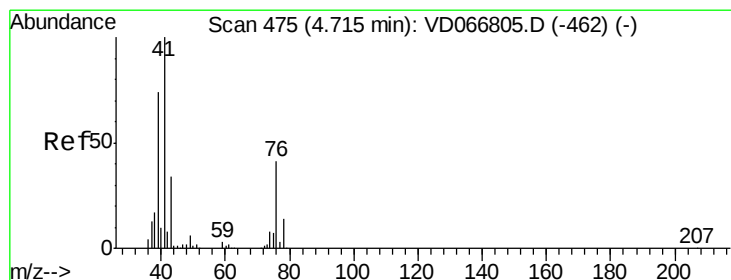
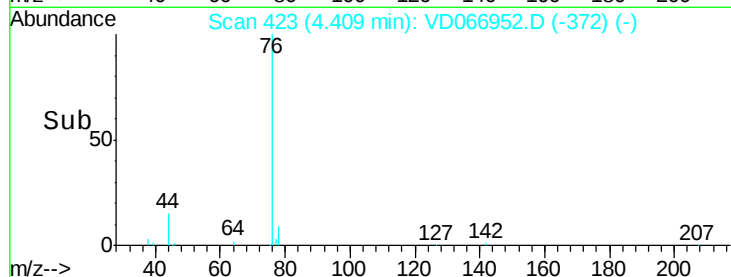
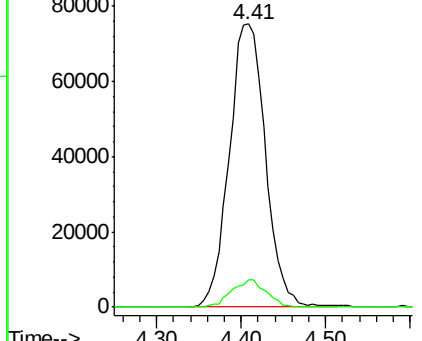
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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 21.052 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066952.D

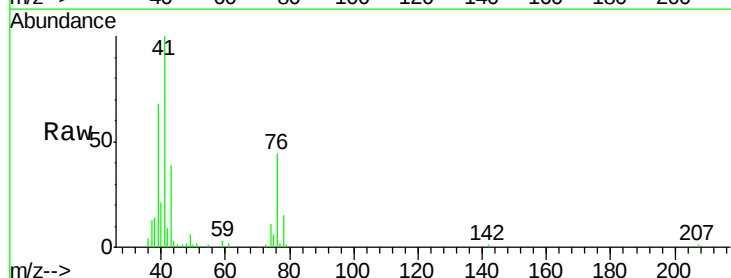
Acq: 29 Sep 2020 22:42

Tgt Ion: 43 Resp: 40428

Ion Ratio Lower Upper

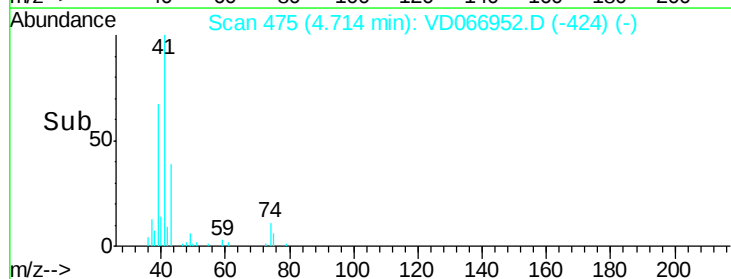
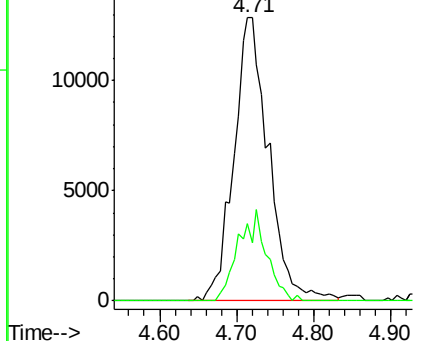
43 100

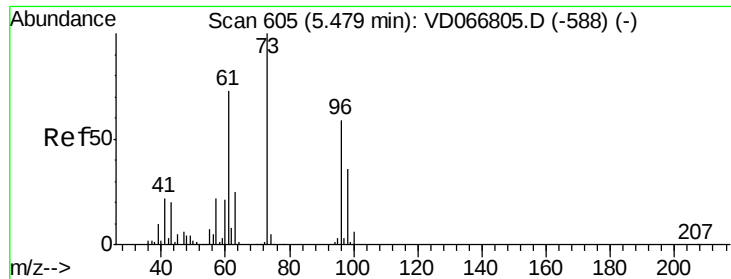
74 14.2 20.3 30.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





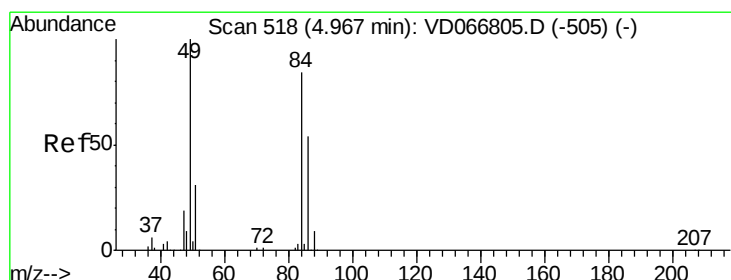
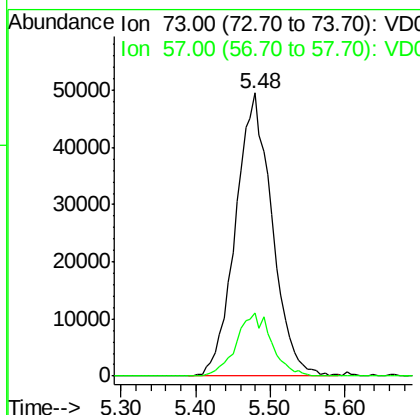
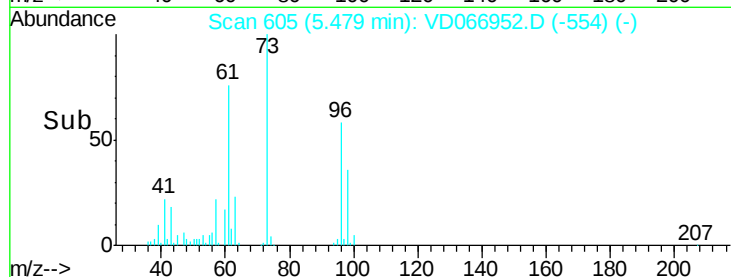
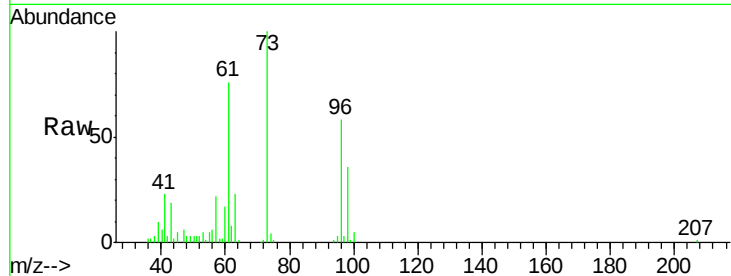
#19
Methvl tert-butvl Ether
Concen: 21.014 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

Instrument :
MSVOA_D
ClientSampleId :
VW0929SBS02

Tot Ion: 73 Resp: 168438
Ion Ratio Lower Upper
73 100
57 22.2 17.4 26.2

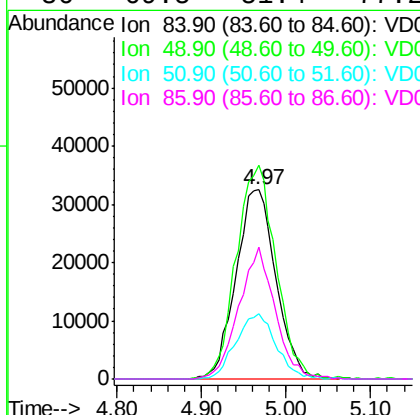
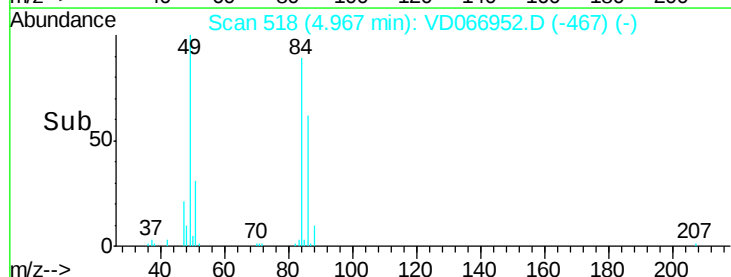
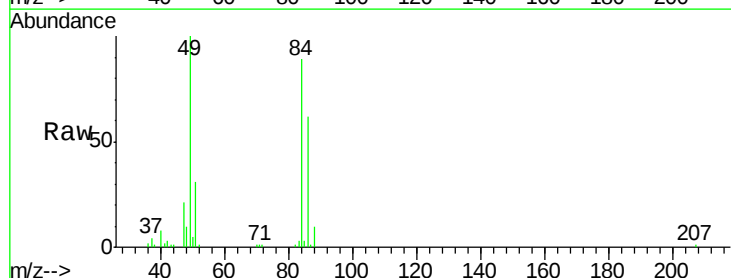
Manual Integrations
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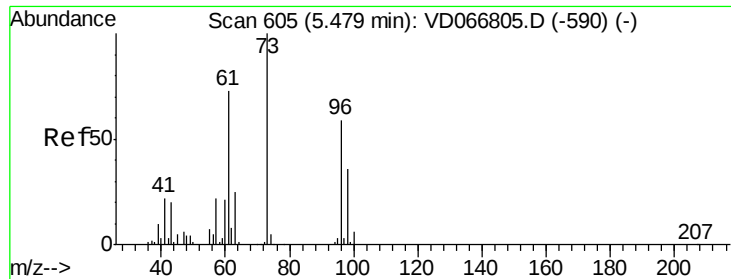
MMDadoda
9/30/2020 1:22:23 PM



#20
Methylene Chloride
Concen: 22.045 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

Tgt Ion: 84 Resp: 106857
Ion Ratio Lower Upper
84 100
49 113.0 95.4 143.2
51 34.6 29.7 44.5
86 69.5 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 21.157 ug/l

RT: 5.48 min Scan# 605

Delta R.T. -0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Instrument :

MSVOA_D

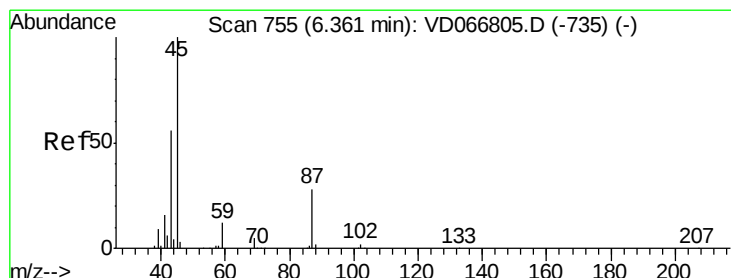
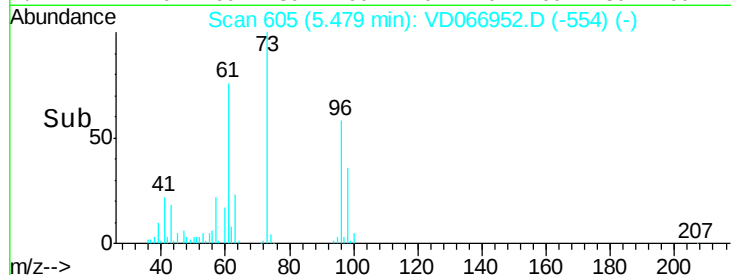
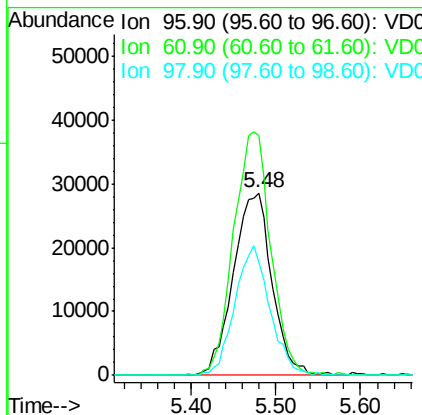
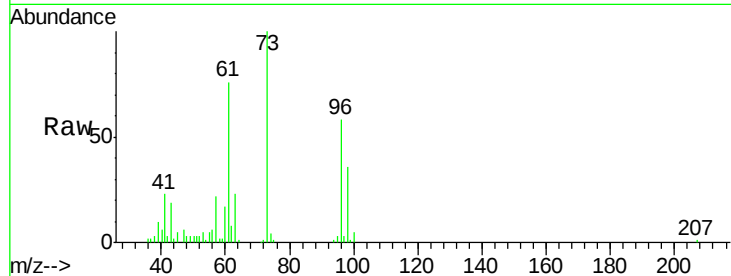
ClientSampleId :

VW0929SBS02

Tot Ion:	96	Resp:	90416
Ion	Ratio	Lower	Upper
96	100		
61	131.0	98.9	148.3
98	61.7	48.4	72.6

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#22

Diisopropyl ether

Concen: 20.842 ug/l

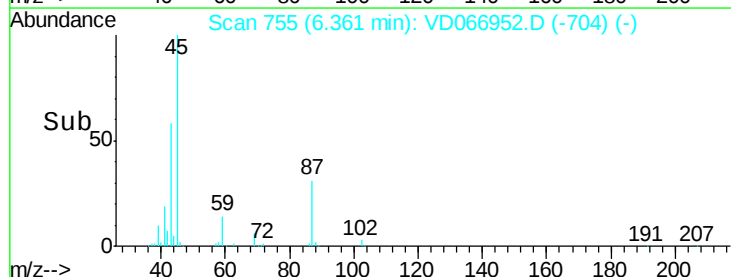
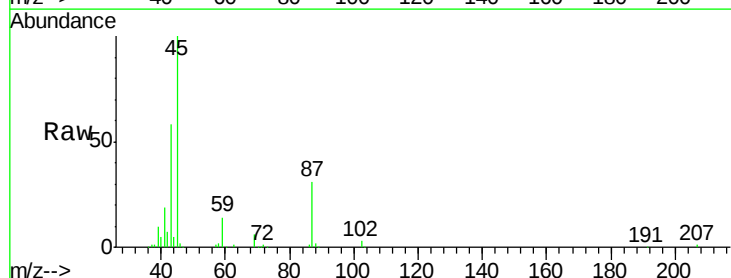
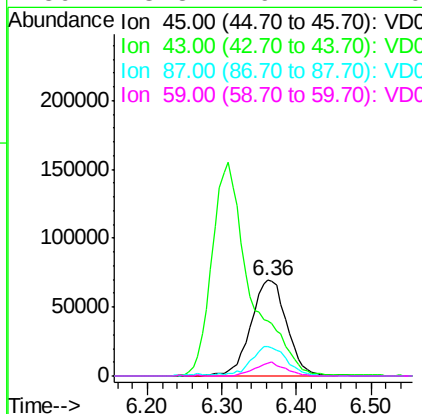
RT: 6.36 min Scan# 755

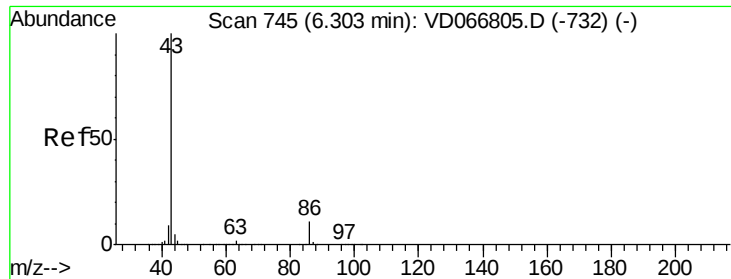
Delta R.T. -0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Tgt Ion:	45	Resp:	232256
Ion	Ratio	Lower	Upper
45	100		
43	56.9	44.5	66.7
87	31.1	22.9	34.3
59	13.8	9.4	14.0





#23

Vinyl Acetate

Concen: 93.567 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Instrument :

MSVOA_D

ClientSampleId :

VW0929SBS02

Tot Ion: 43 Resp: 555868

Ion Ratio Lower Upper

43 100

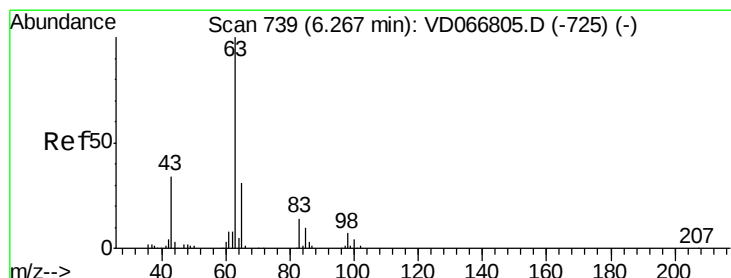
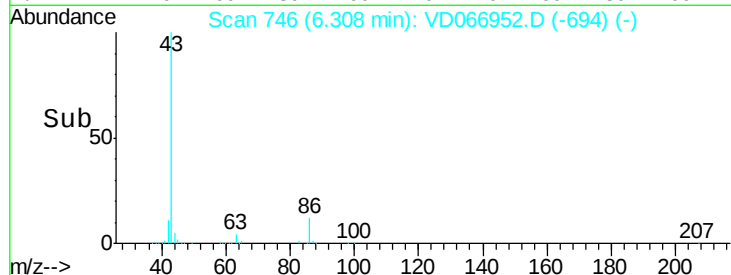
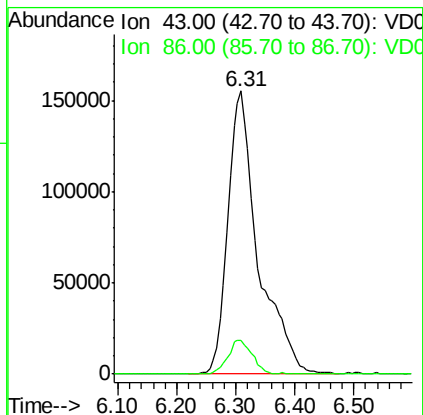
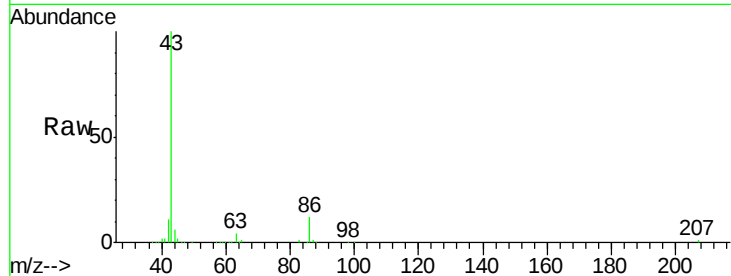
86 12.0 8.9 13.3

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.481 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

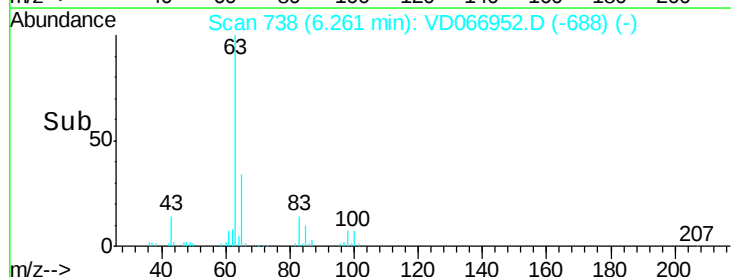
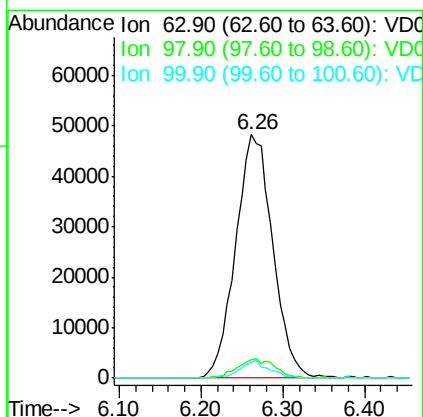
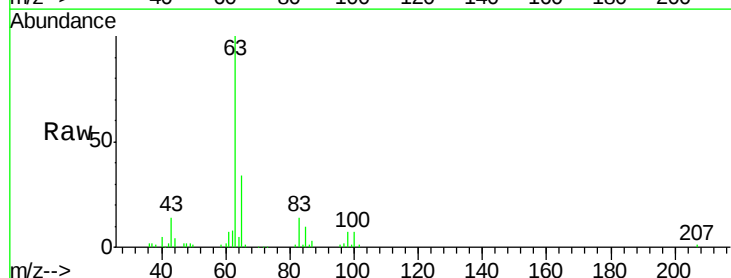
Tgt Ion: 63 Resp: 152684

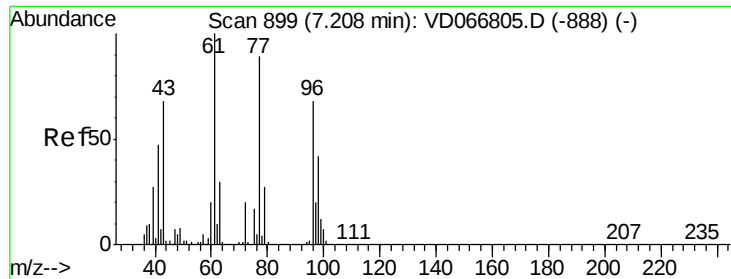
Ion Ratio Lower Upper

63 100

98 7.3 3.7 11.1

100 6.5 1.8 5.5#





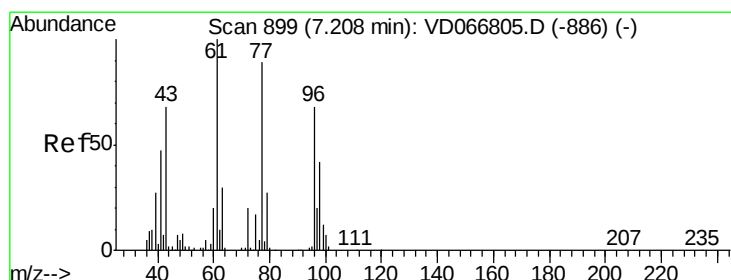
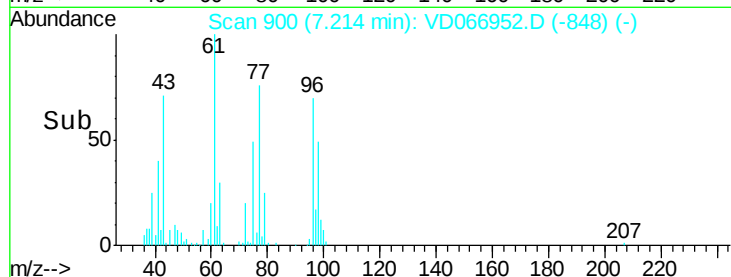
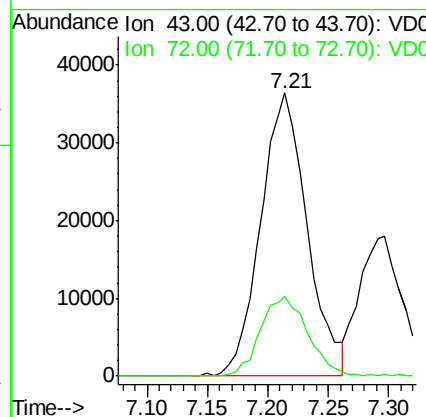
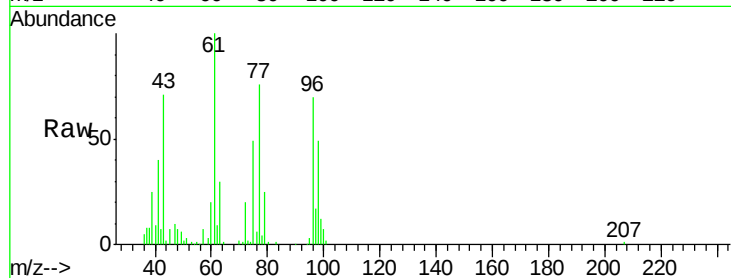
#25
2-Butanone
Concen: 103.262 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.01 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

Instrument :
MSVOA_D
ClientSampleId :
VW0929SBS02

Tot Ion: 43 Resp: 97114
Ion Ratio Lower Upper
43 100
72 28.2 22.9 34.3

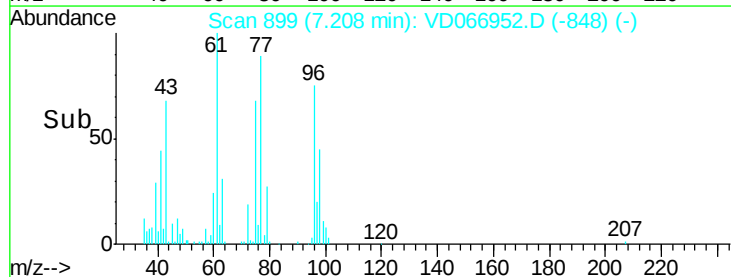
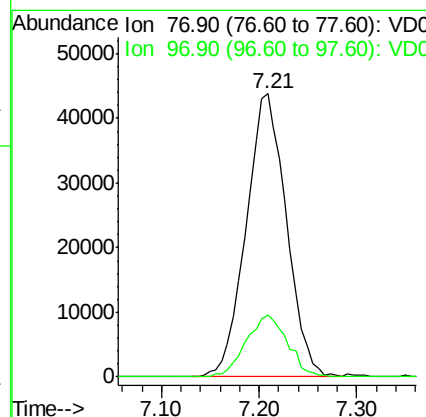
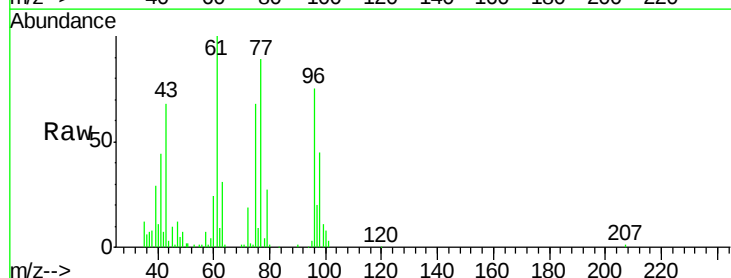
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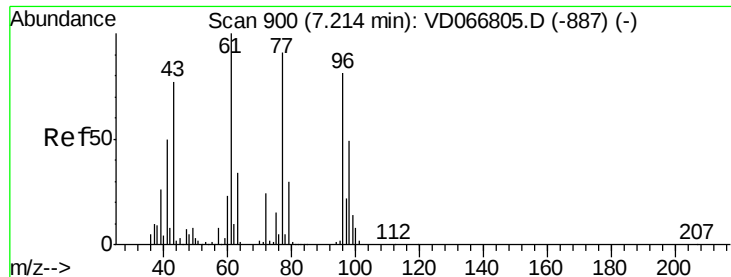
MMDadoda
9/30/2020 1:22:23 PM



#26
2,2-Dichloropropane
Concen: 18.433 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

Tgt Ion: 77 Resp: 125950
Ion Ratio Lower Upper
77 100
97 22.4 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 21.381 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Instrument :

MSVOA_D

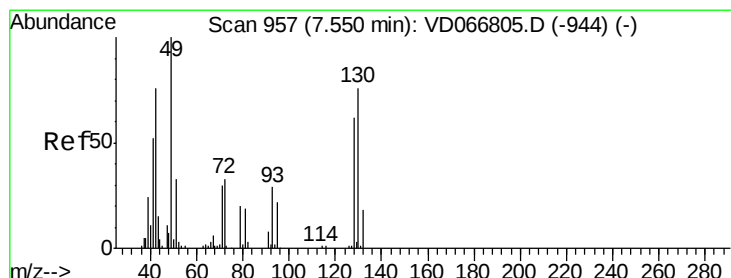
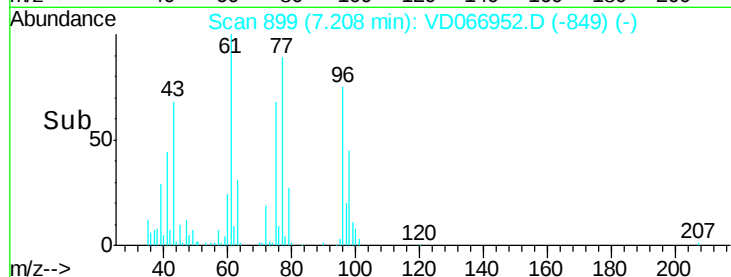
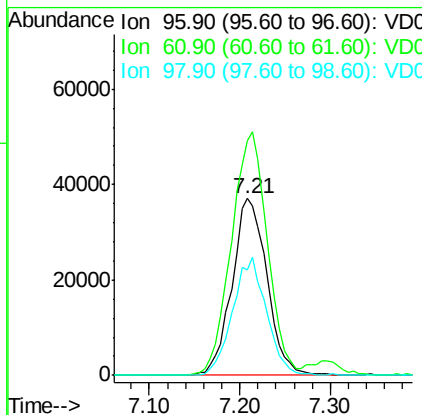
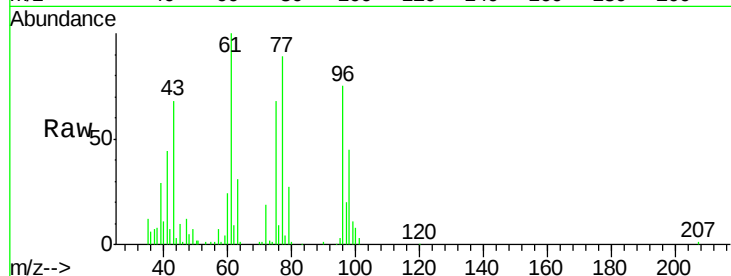
ClientSampleId :

VW0929SBS02

Tot Ion:	96	Resp:	99279
Ion	Ratio	Lower	Upper
96	100		
61	141.7	0.0	283.8
98	64.5	0.0	128.4

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#28

Bromochloromethane

Concen: 19.249 ug/l

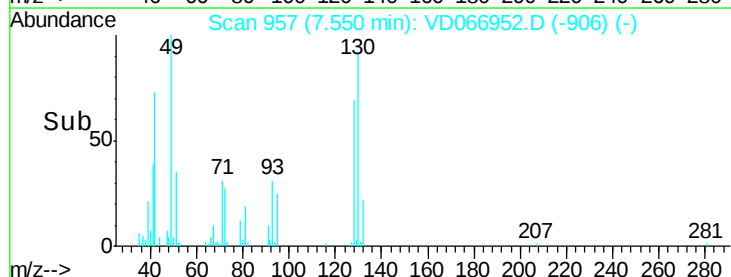
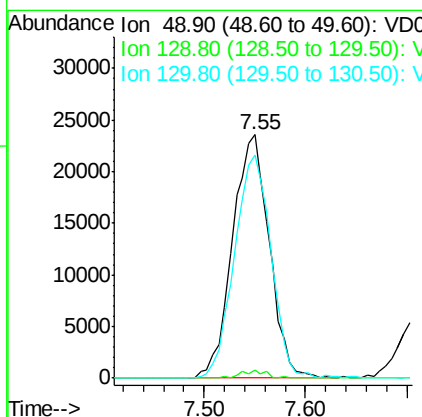
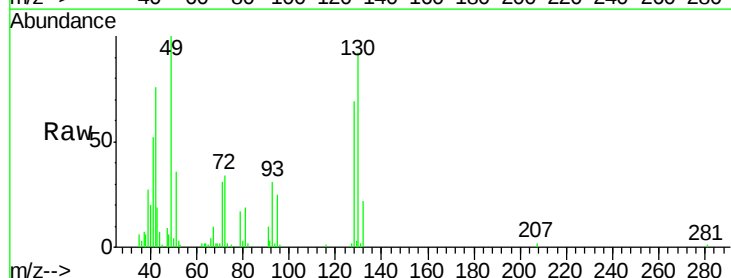
RT: 7.55 min Scan# 957

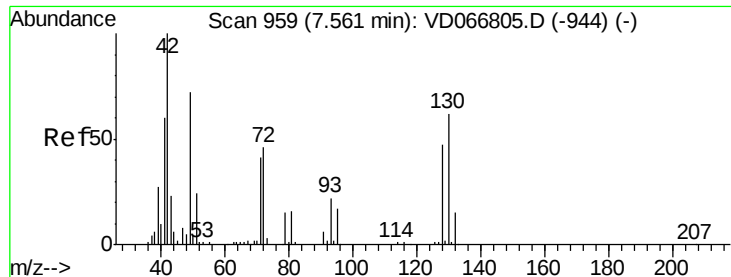
Delta R.T. -0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Tgt Ion:	49	Resp:	59284
Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	2.0
130	91.2	65.9	98.9





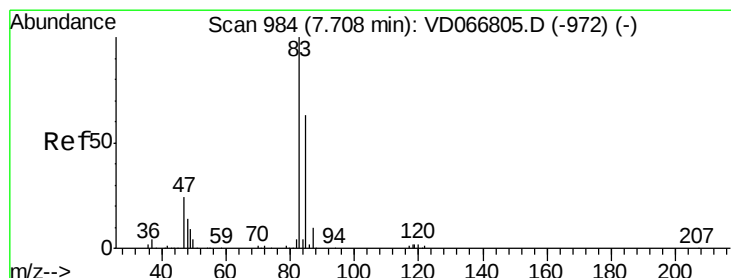
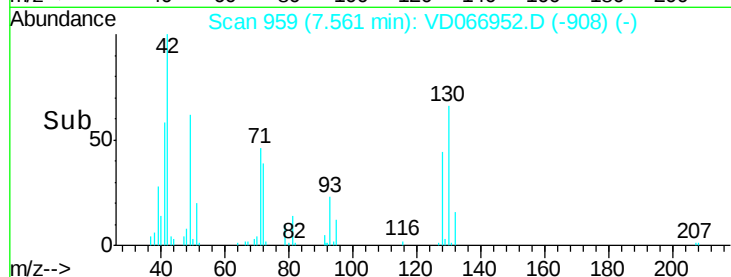
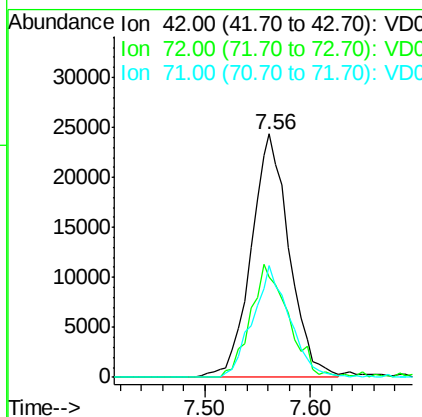
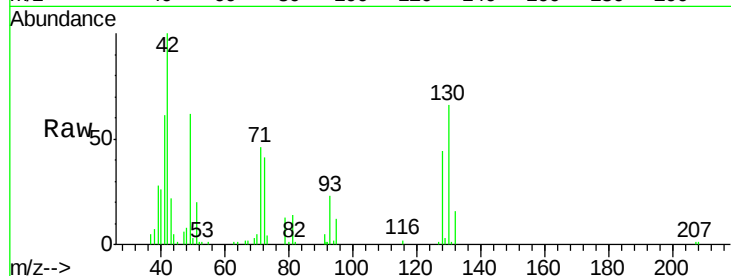
#29
Tetrahydrofuran
Concen: 101.229 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

Instrument :
MSVOA_D
ClientSampleId :
VW0929SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.1	36.2	54.4
71	44.0	32.4	48.6

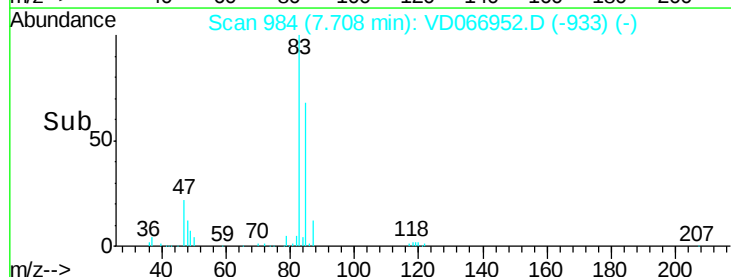
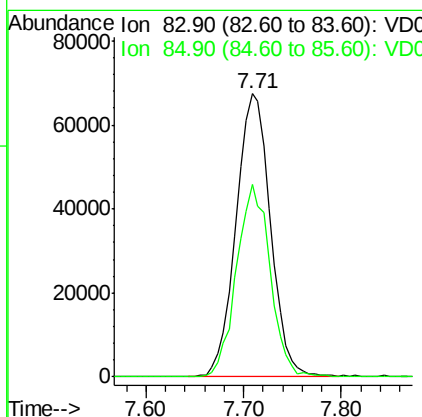
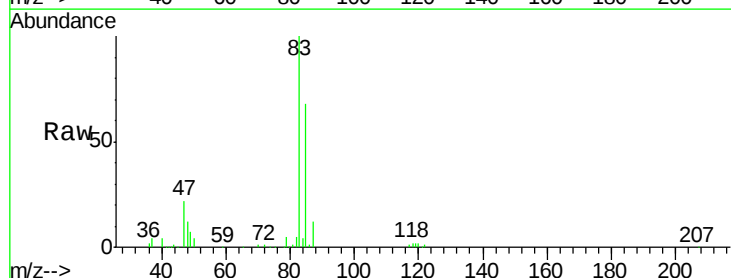
Manual Integrations
APPROVED

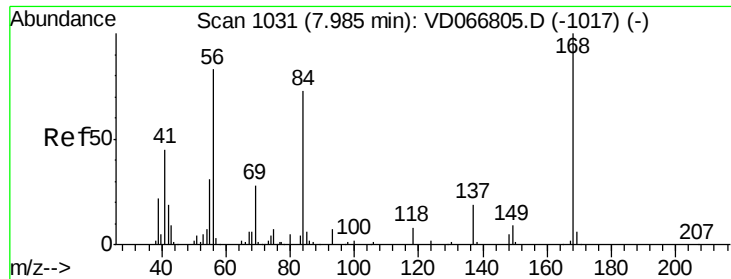
MMDadoda
9/30/2020 1:22:23 PM



#30
Chloroform
Concen: 20.732 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.9	50.6	75.8





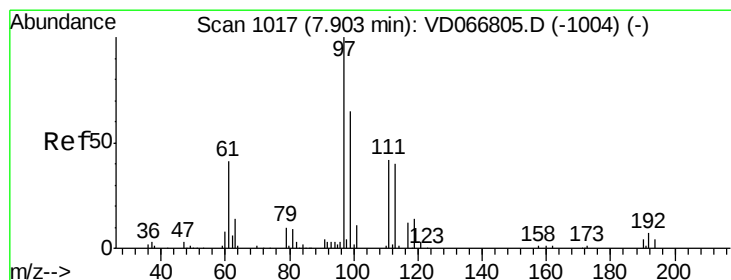
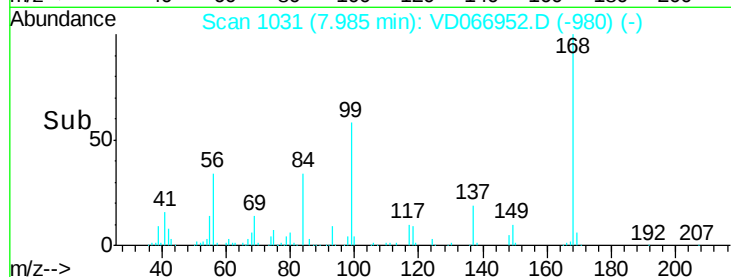
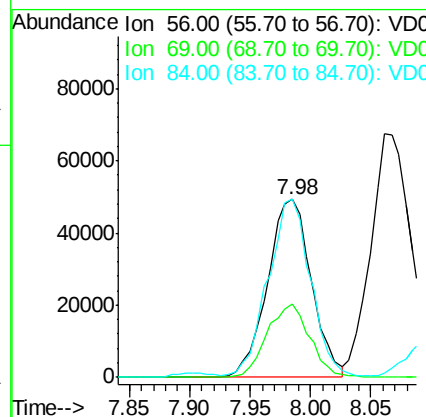
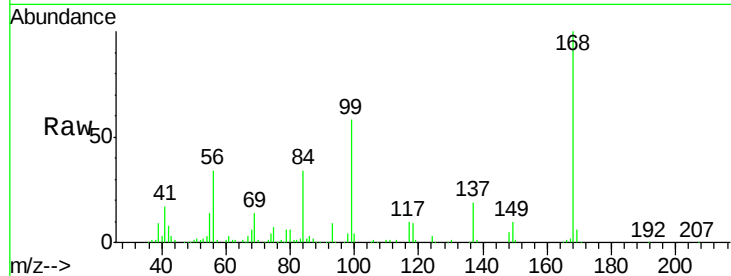
#31
Cyclohexane
Concen: 18.455 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

Instrument :
MSVOA_D
ClientSampleId :
VW0929SBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	100		123795		
69	41.1	27.0	40.4#		
84	98.1	70.2	105.4		

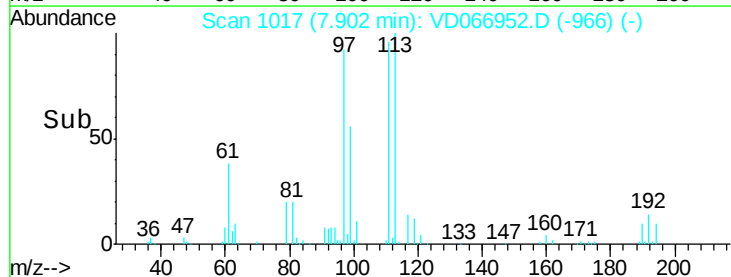
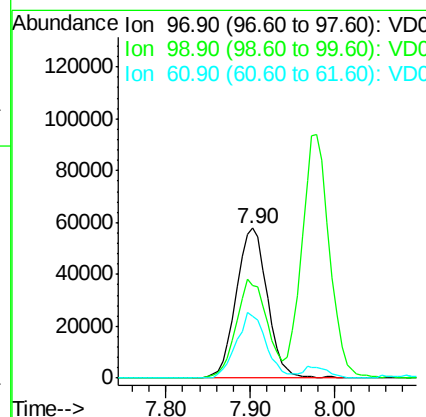
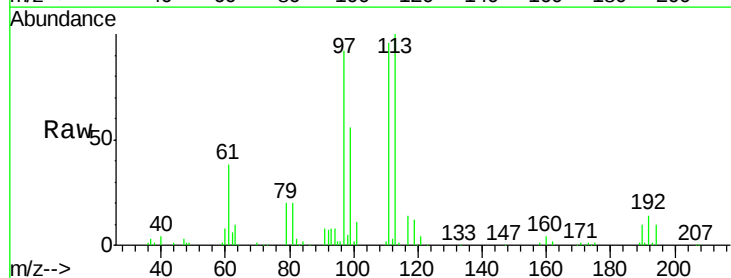
Manual Integrations
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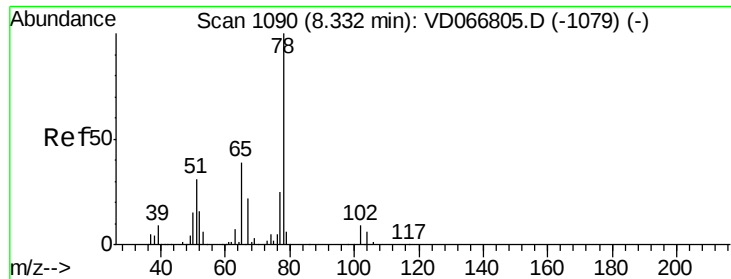
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 20.292 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		147510		
99	65.2	51.5	77.3		
61	41.5	34.2	51.4		





#33

1,2-Dichloroethane-d4

Concen: 48.344 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Instrument :

MSVOA_D

ClientSampleId :

VW0929SBS02

Tot Ion: 65 Resp: 178346

Ion Ratio Lower Upper

65 100

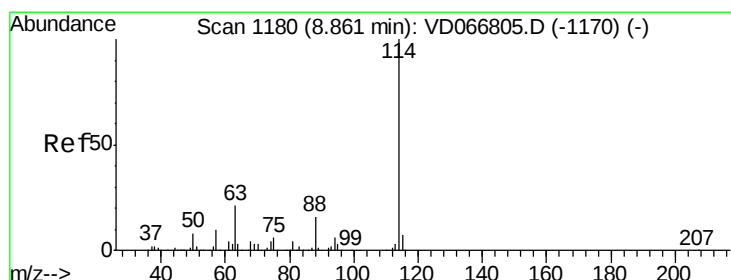
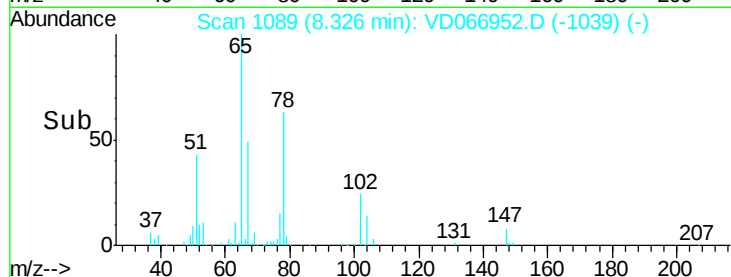
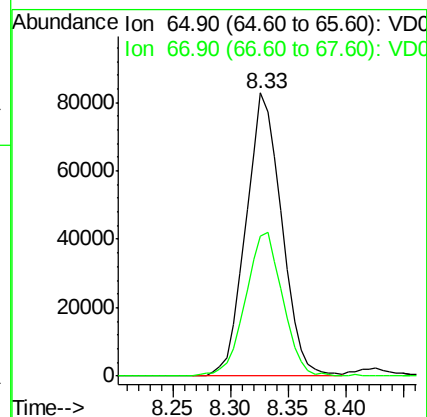
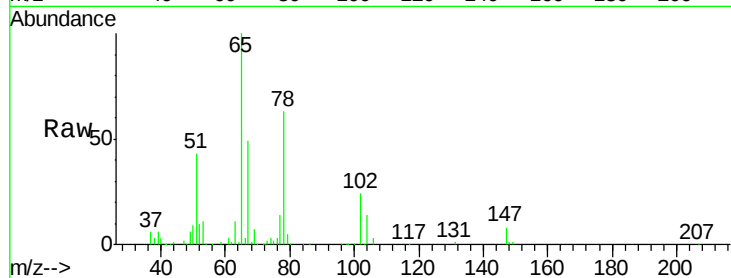
67 53.2 0.0 107.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

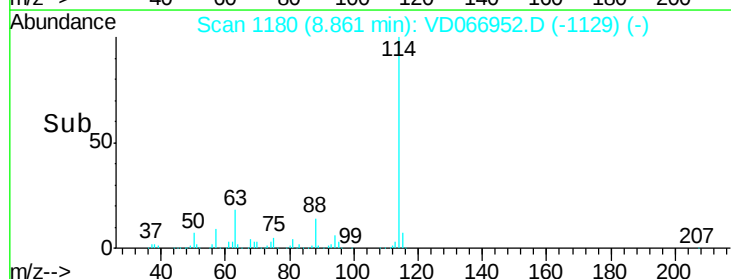
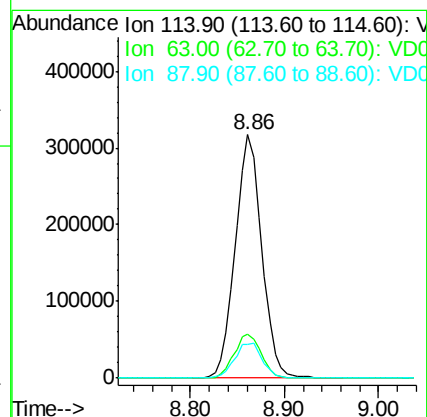
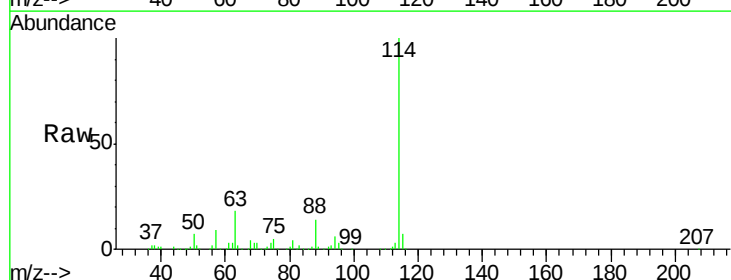
Tgt Ion: 114 Resp: 621036

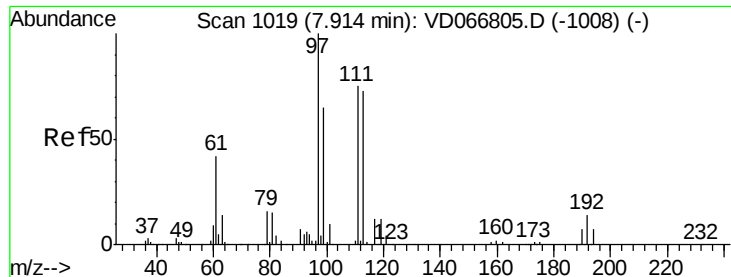
Ion Ratio Lower Upper

114 100

63 18.1 0.0 42.6

88 13.9 0.0 32.6





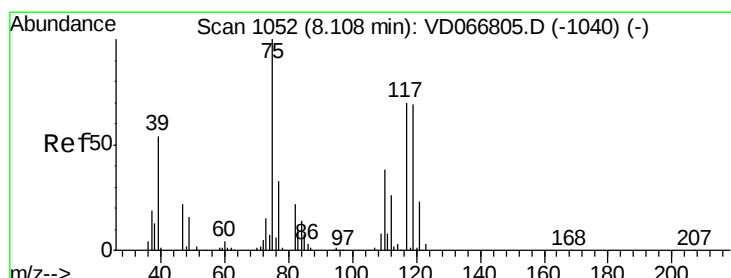
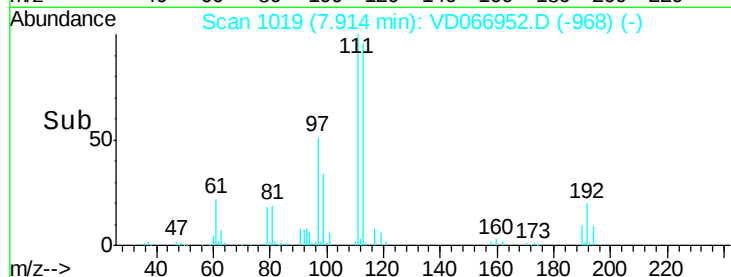
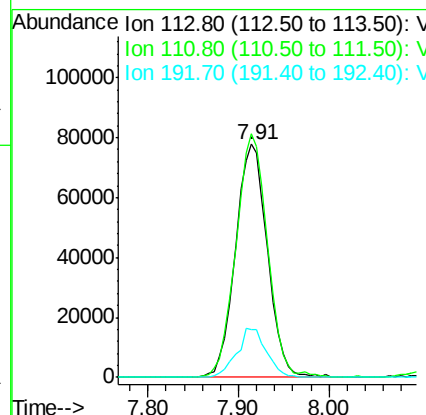
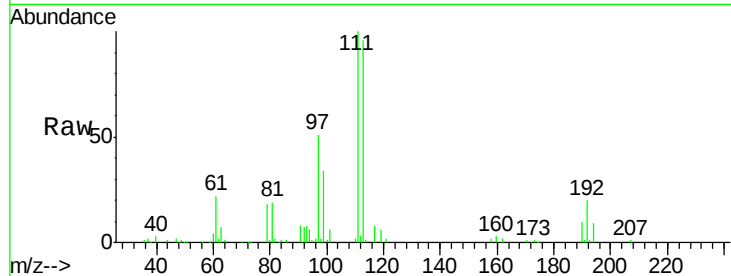
#35
 Dibromofluoromethane
 Concen: 48.253 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066952.D
 Acq: 29 Sep 2020 22:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VW0929SBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	190651		
111	103.3	81.8	122.8	
192	19.4	14.4	21.6	

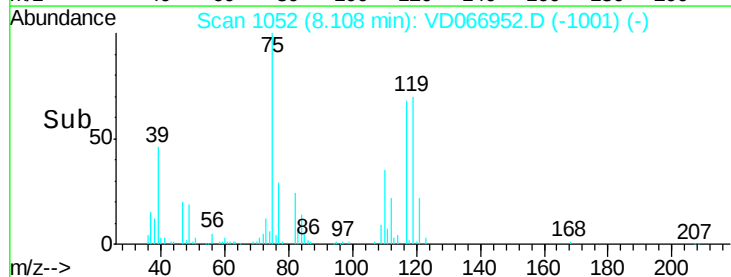
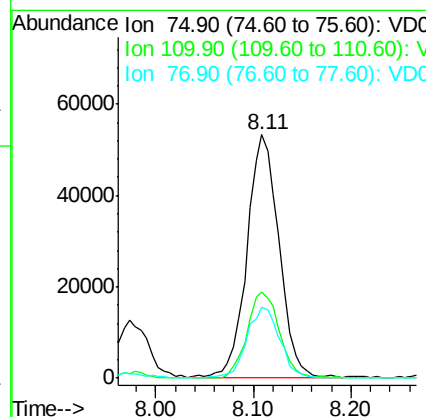
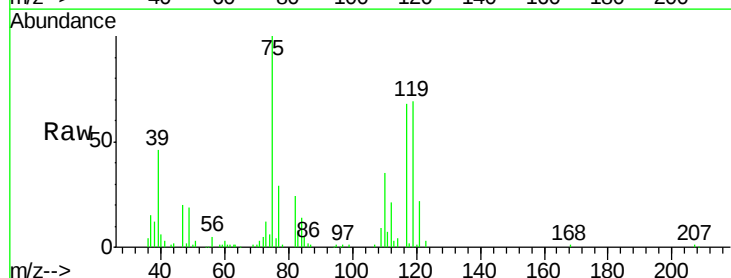
Manual Integrations
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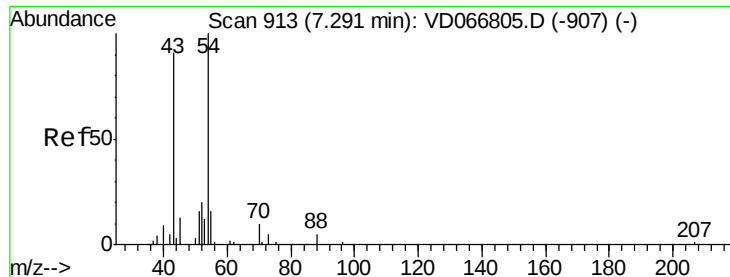
MMDadoda
 9/30/2020 1:22:23 PM



#36
 1,1-Dichloropropene
 Concen: 19.794 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066952.D
 Acq: 29 Sep 2020 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	121956		
110	35.9	17.9	53.8	
77	30.1	25.0	37.6	





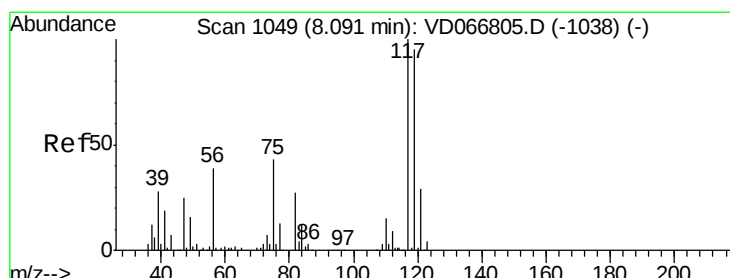
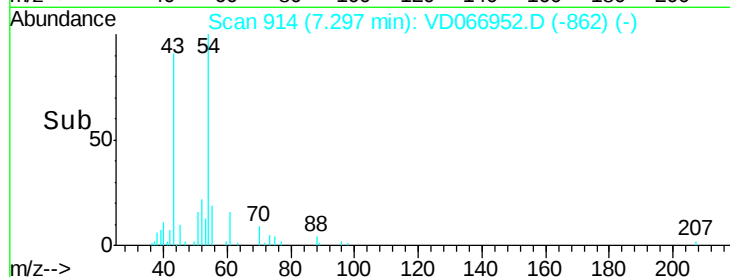
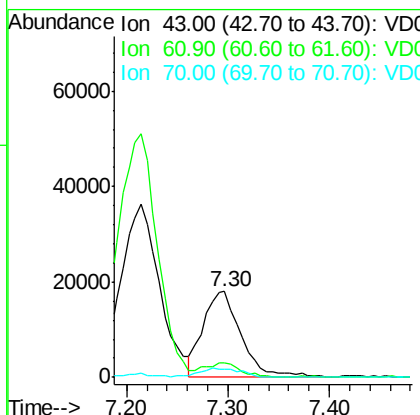
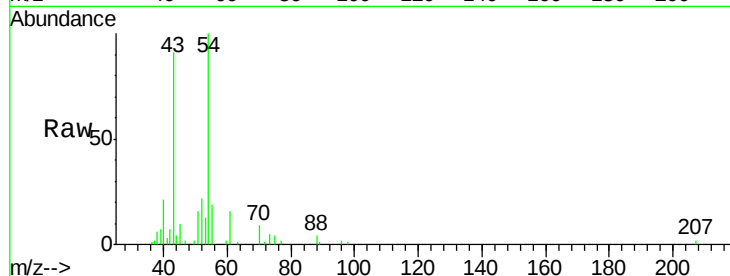
#37
Ethyl Acetate
Concen: 20.594 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

Instrument :
MSVOA_D
ClientSampleId :
VW0929SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.4	9.8	14.8#
70	12.0	8.5	12.7

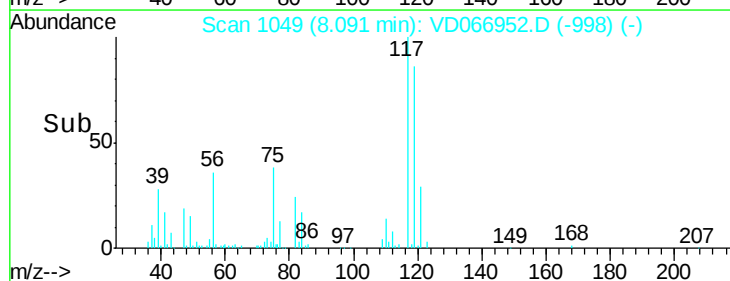
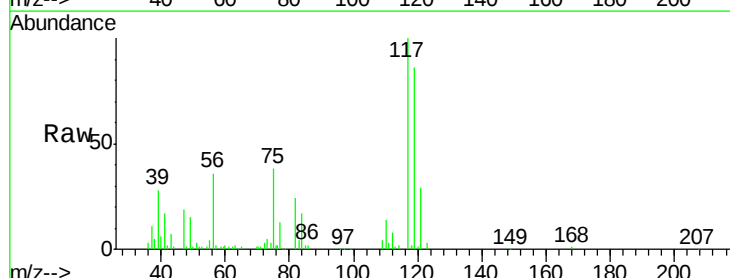
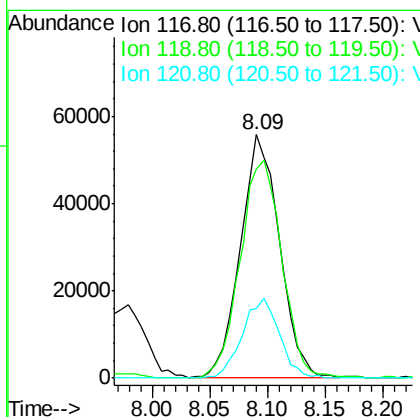
Manual Integrations
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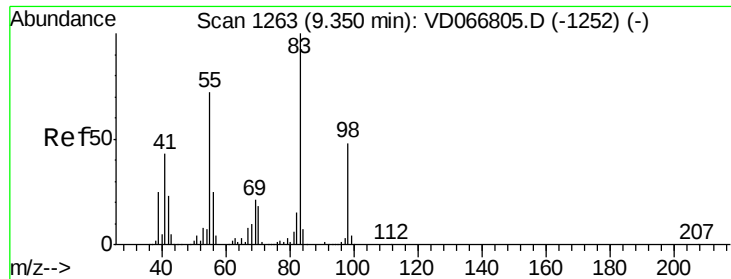
MMDadoda
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#38
Carbon Tetrachloride
Concen: 19.459 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	85.6	75.8	113.8
121	28.7	23.4	35.0





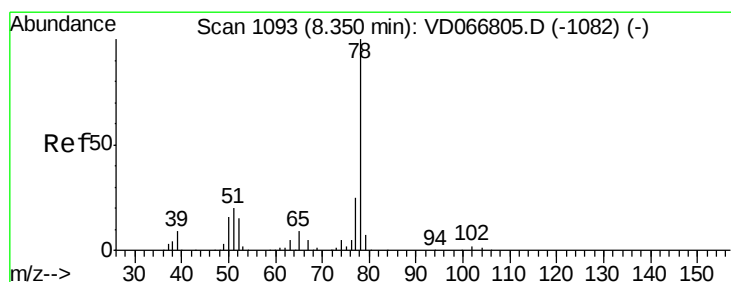
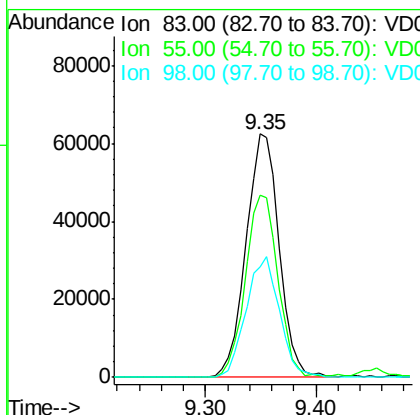
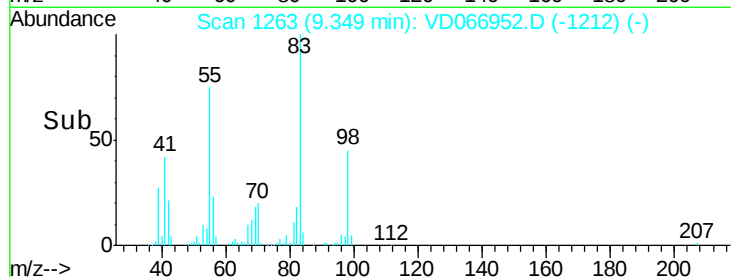
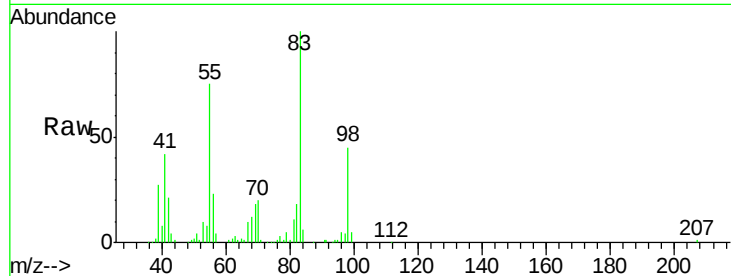
#39
Methvlcvclohexane
Concen: 18.635 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

Instrument :
MSVOA_D
ClientSampleId :
VW0929SBS02

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	75.0		57.7	86.5
98	45.5		38.4	57.6

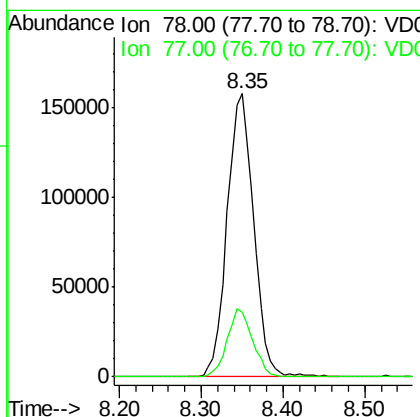
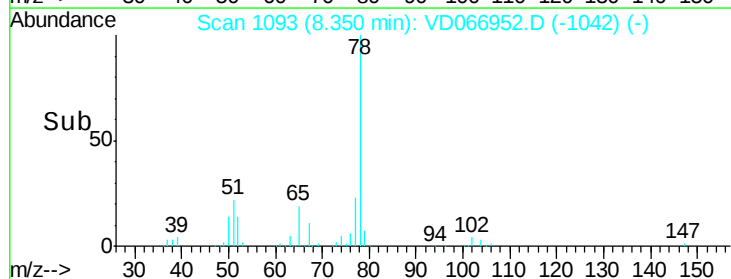
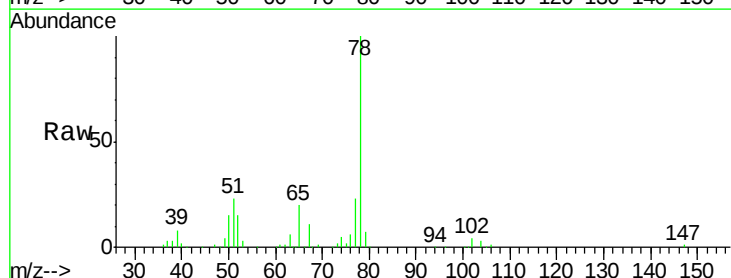
Manual Integrations
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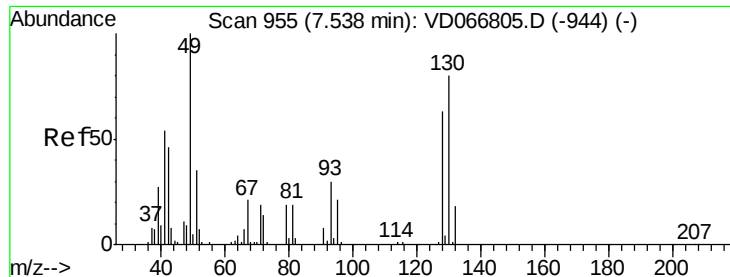
MMDadoda
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#40
Benzene
Concen: 20.749 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	22.7		19.9	29.9





#41

Methacrylonitrile

Concen: 16.276 ug/l

RT: 7.53 min Scan# 953

Delta R.T. -0.01 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Instrument :

MSVOA_D

ClientSampleId :

VW0929SBS02

Tot Ion: 41 Resp: 22294

Ion Ratio Lower Upper

41 100

39 72.8 0.0 0.0#

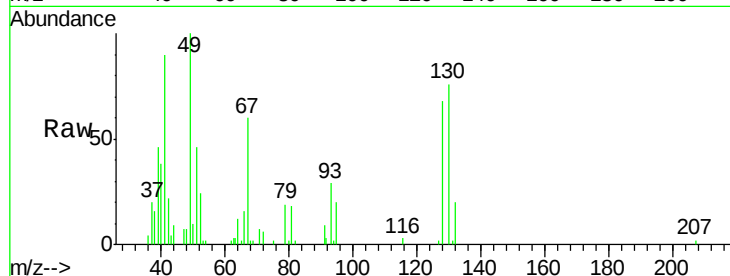
67 91.1 0.0 0.0#

52 37.9 0.0 0.0#

Manual Integrations
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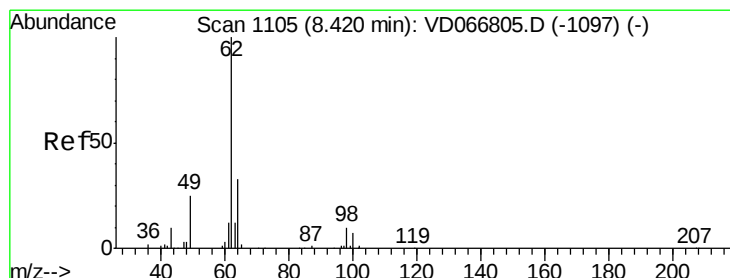
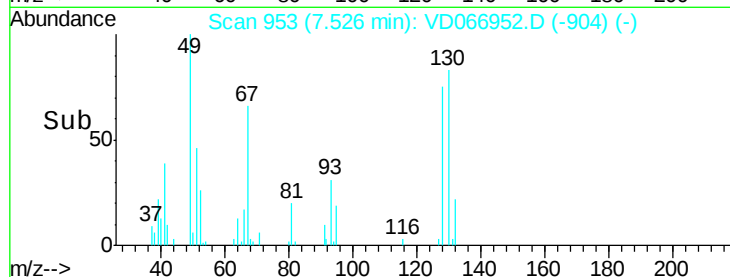
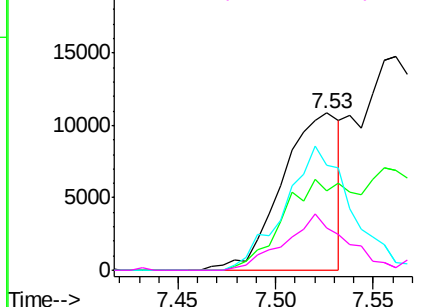


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 19.922 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. 0.01 min

Lab File: VD066952.D

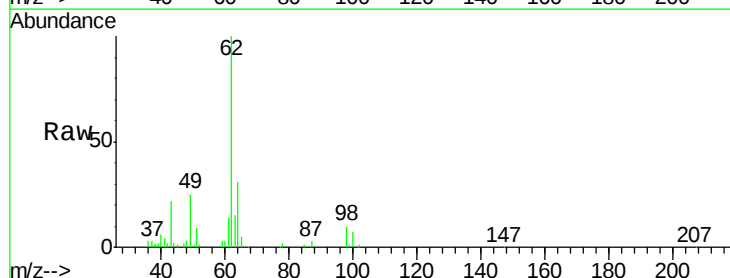
Acq: 29 Sep 2020 22:42

Tgt Ion: 62 Resp: 101129

Ion Ratio Lower Upper

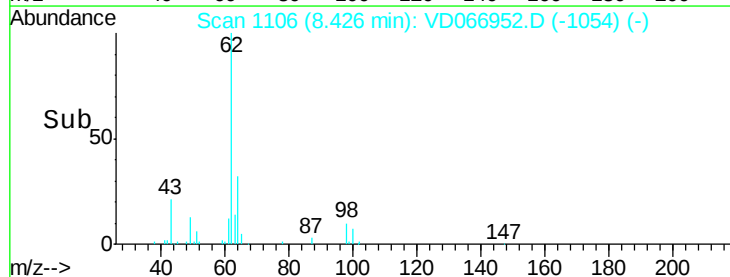
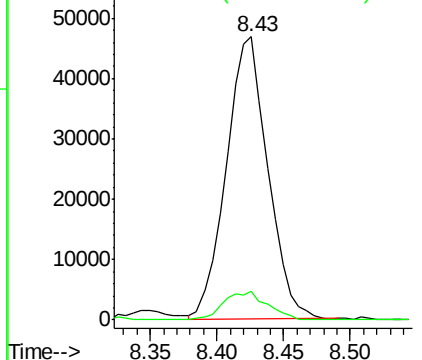
62 100

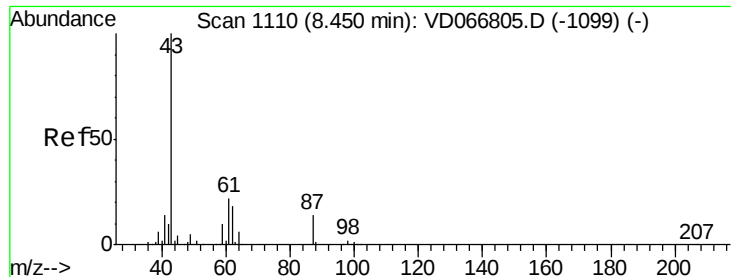
98 10.5 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 19.841 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Instrument :

MSVOA_D

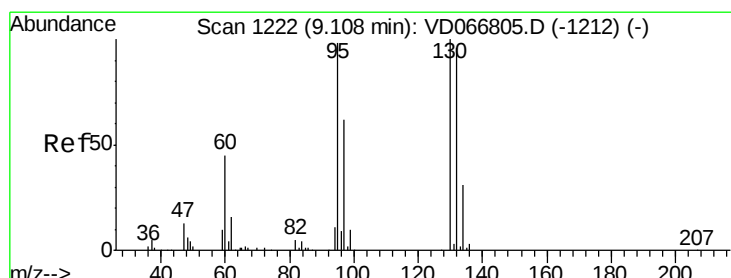
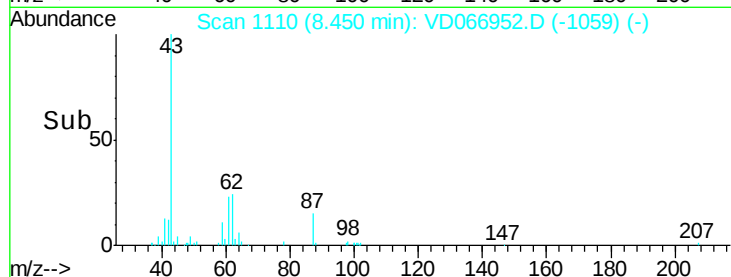
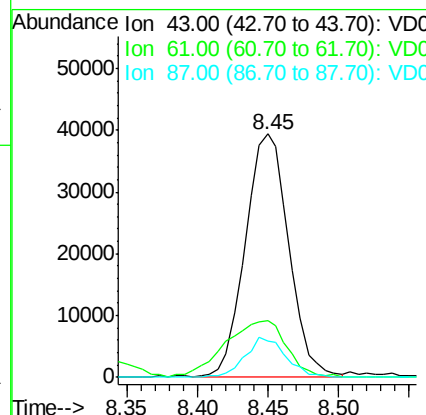
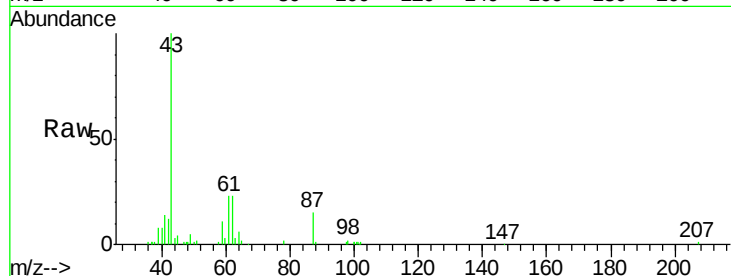
ClientSampleId :

VW0929SBS02

Tot Ion:	43	Resp:	85201
Ion	Ratio	Lower	Upper
43	100		
61	32.9	26.2	39.4
87	15.4	11.5	17.3

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#44

Trichloroethene

Concen: 20.783 ug/l

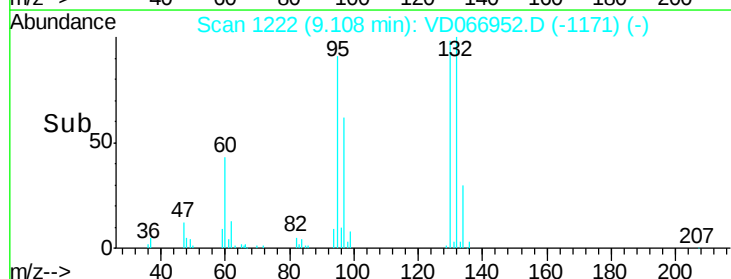
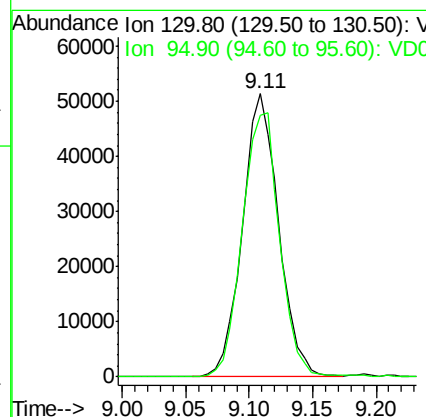
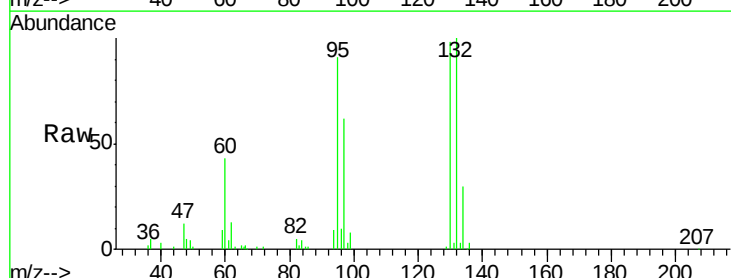
RT: 9.11 min Scan# 1222

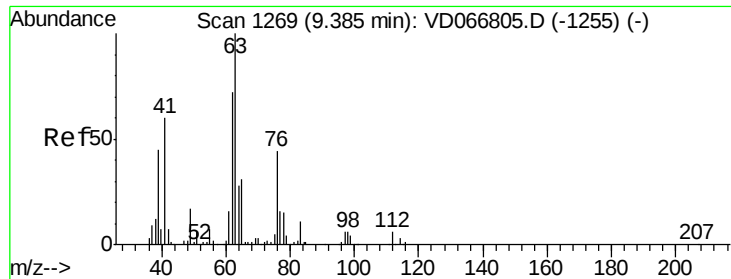
Delta R.T. -0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Tgt Ion:	130	Resp:	101721
Ion	Ratio	Lower	Upper
130	100		
95	92.3	0.0	197.0





#45

1,2-Dichloropropane

Concen: 20.627 ug/l

RT: 9.38 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Instrument :

MSVOA_D

ClientSampleId :

VW0929SBS02

Tot Ion: 63 Resp: 89116

Ion Ratio Lower Upper

63 100

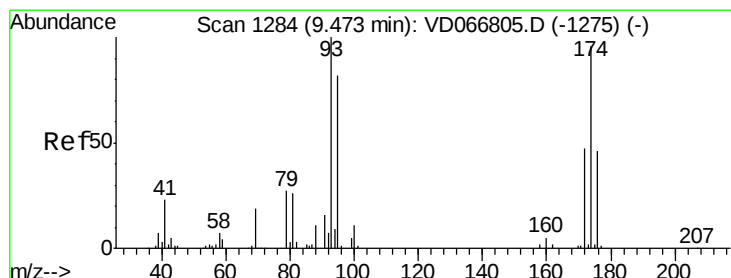
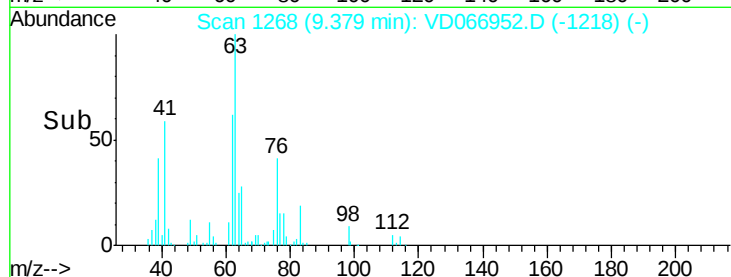
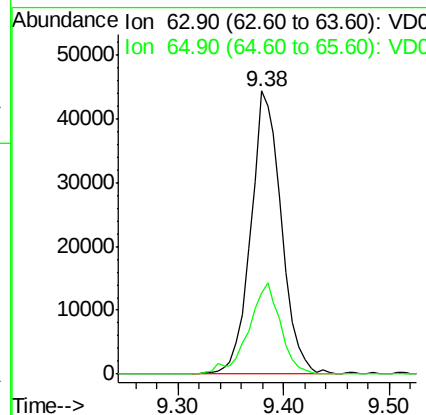
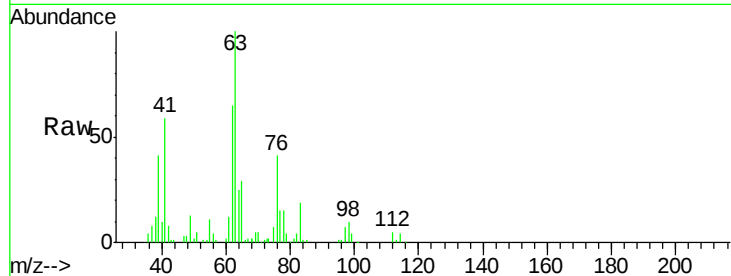
65 28.8 24.7 37.1

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#46

Dibromomethane

Concen: 21.168 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

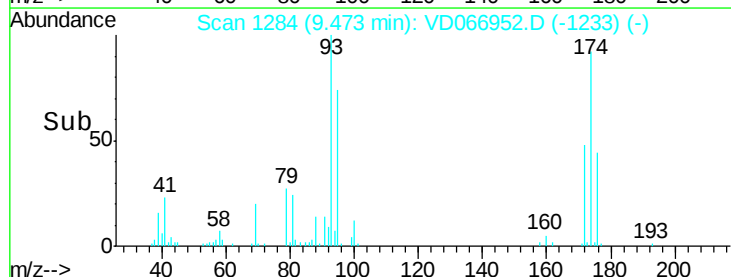
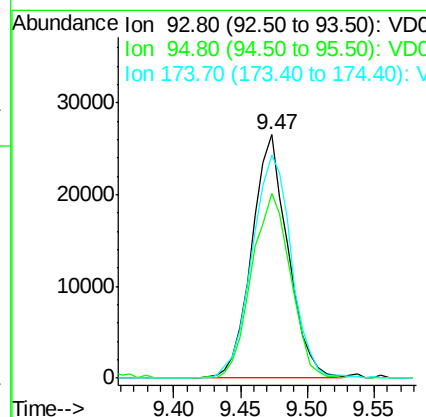
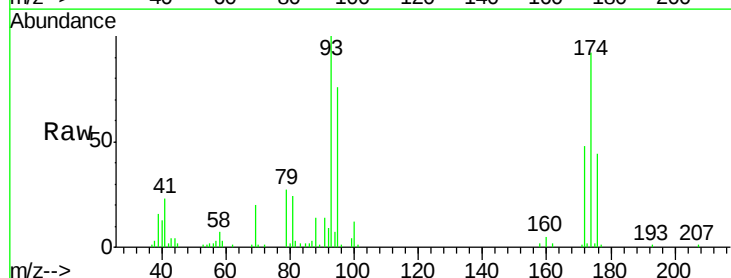
Tgt Ion: 93 Resp: 49689

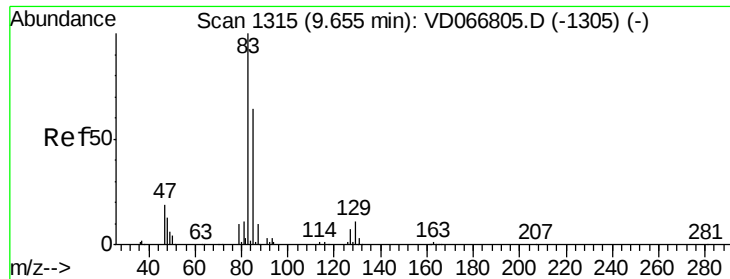
Ion Ratio Lower Upper

93 100

95 81.5 65.3 97.9

174 99.7 75.4 113.2





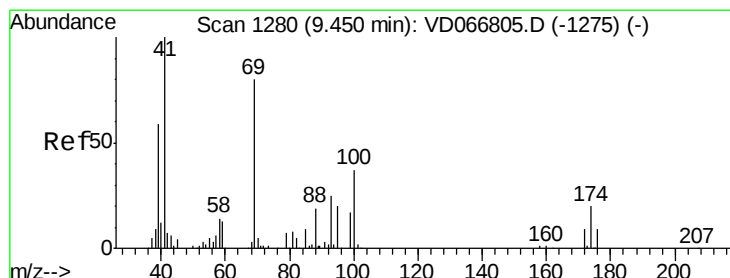
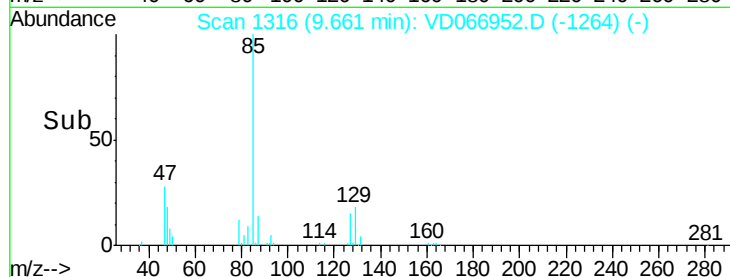
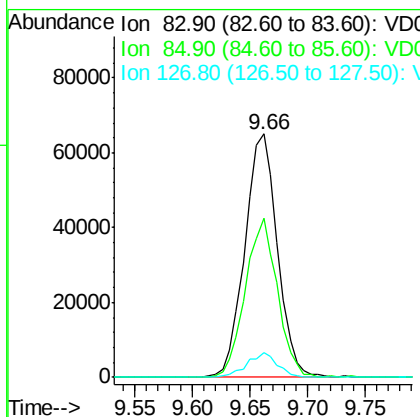
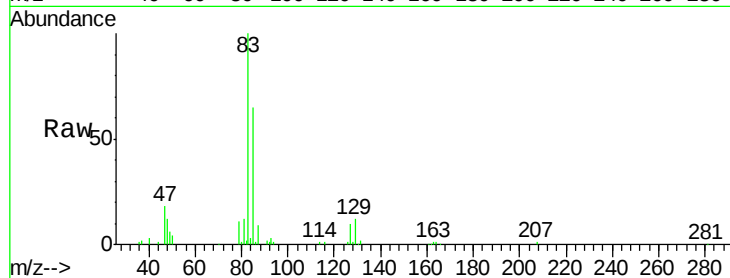
#47
Bromodichloromethane
Concen: 20.320 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. 0.01 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

Instrument :
MSVOA_D
ClientSampleId :
VW0929SBS02

Tot Ion	83	Resp	128132
Ion	Ratio	Lower	Upper
83	100		
85	65.4	50.9	76.3
127	9.9	5.9	8.9#

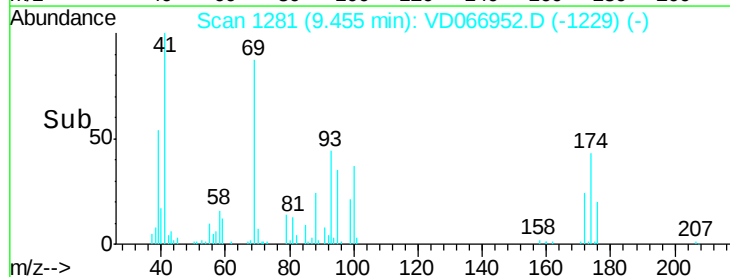
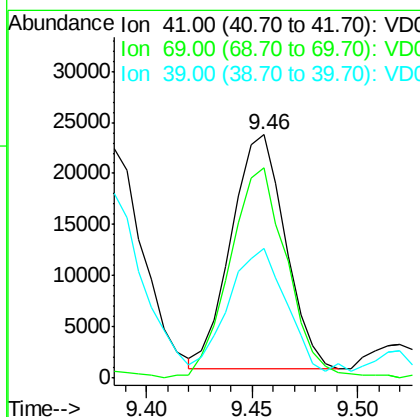
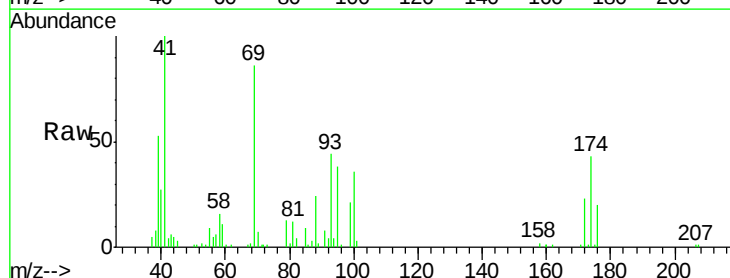
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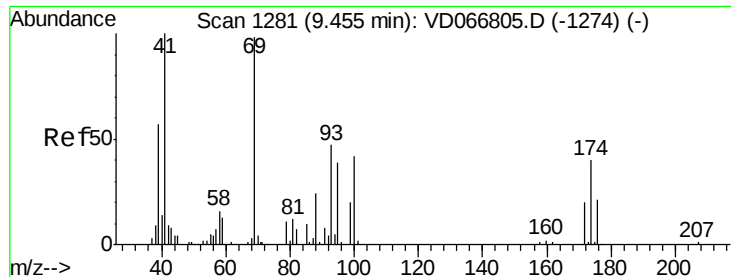
MMDadoda
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#48
Methyl methacrylate
Concen: 19.348 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.01 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

Tgt Ion	41	Resp	40963
Ion	Ratio	Lower	Upper
41	100		
69	94.7	74.5	111.7
39	60.8	47.0	70.6





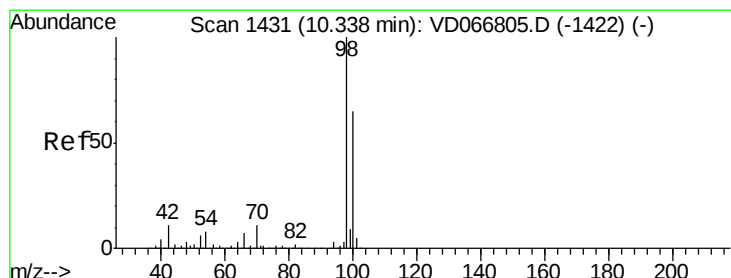
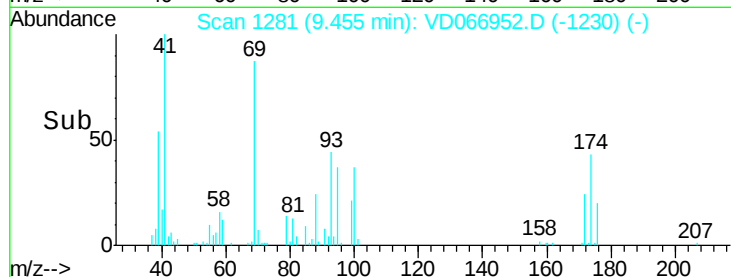
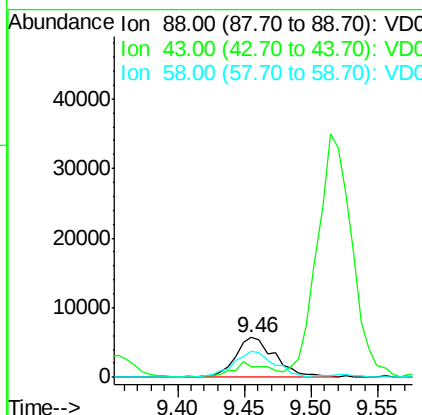
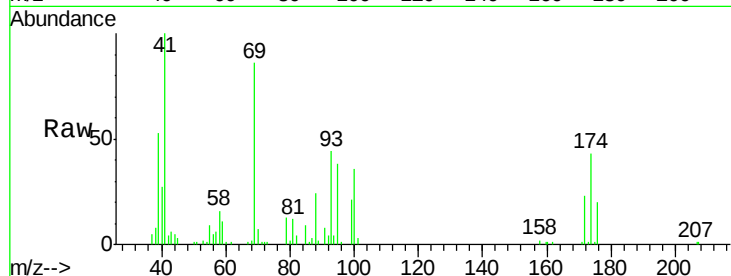
#49
1,4-Dioxane
Concen: 382.849 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

Instrument :
MSVOA_D
ClientSampleId :
VW0929SBS02

Tot Ion	88	Resp	11896
Ion Ratio	Lower	Upper	
88	100		
43	34.6	27.7	41.5
58	66.4	55.5	83.3

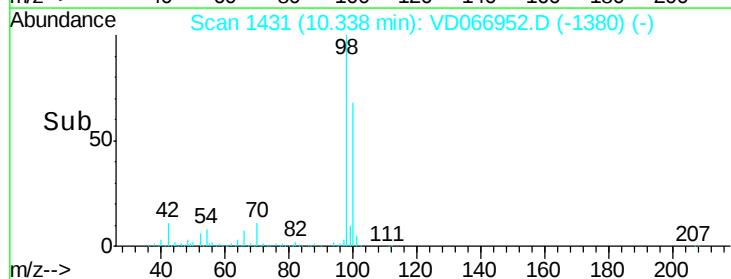
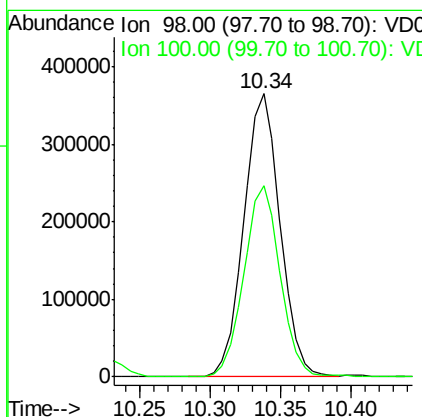
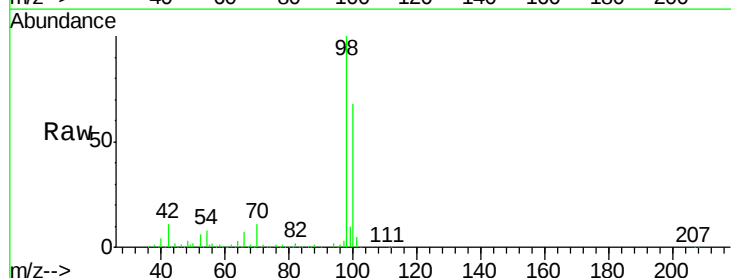
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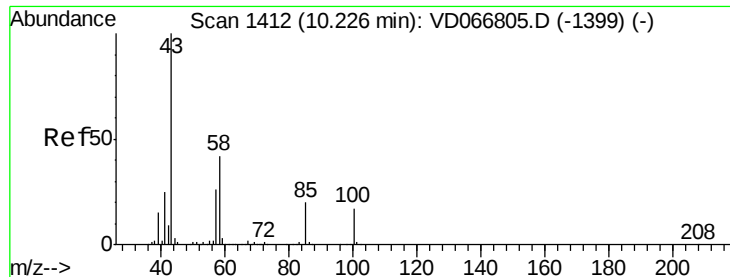
MMDadoda
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#50
Toluene-d8
Concen: 48.903 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

Tgt Ion	98	Resp	658326
Ion Ratio	Lower	Upper	
98	100		
100	67.3	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 102.808 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Instrument :

MSVOA_D

ClientSampleId :

VW0929SBS02

Tot Ion: 43 Resp: 223696

Ion Ratio Lower Upper

43 100

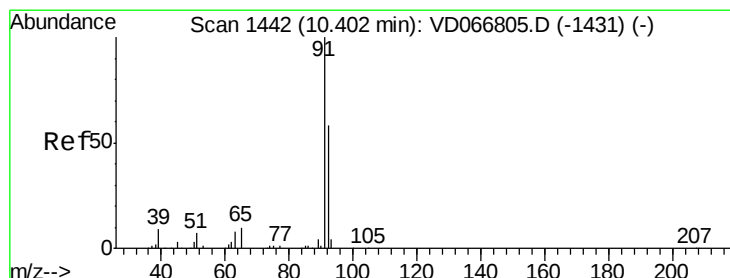
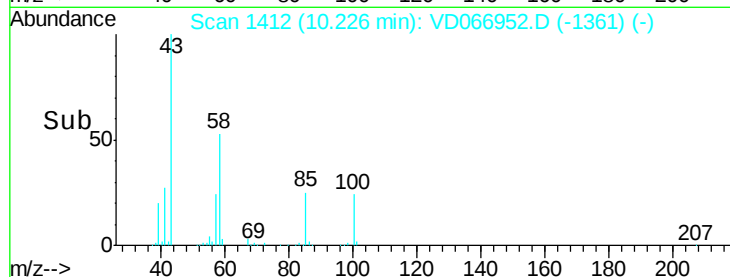
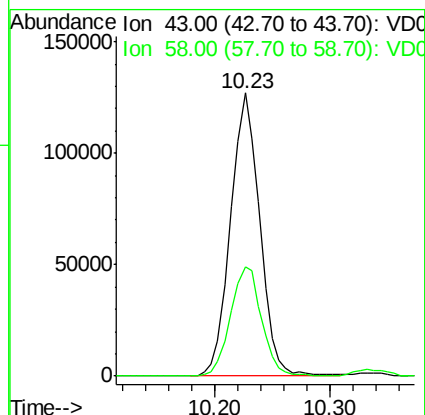
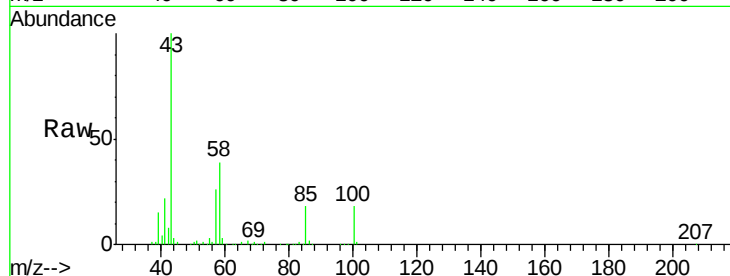
58 41.0 32.2 48.4

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#52

Toluene

Concen: 21.156 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066952.D

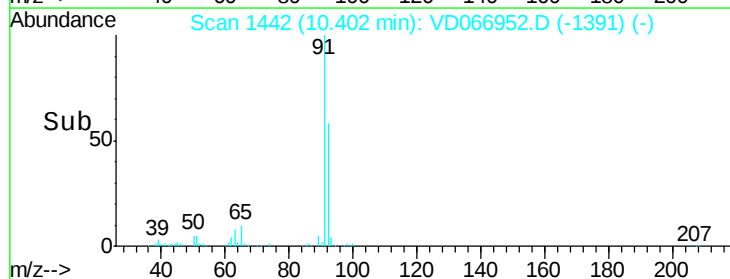
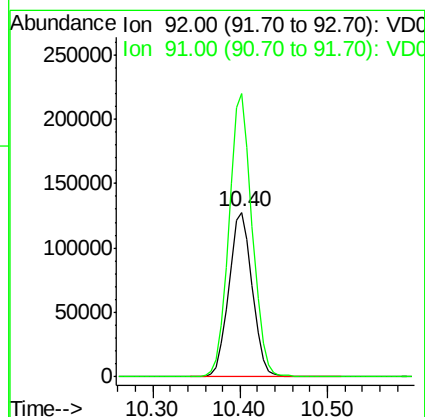
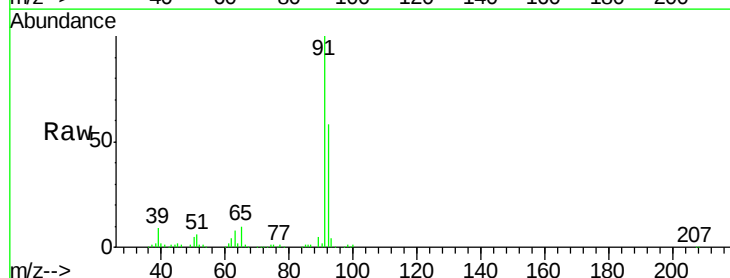
Acq: 29 Sep 2020 22:42

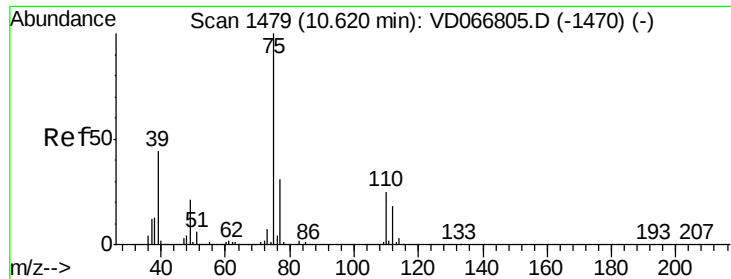
Tgt Ion: 92 Resp: 233993

Ion Ratio Lower Upper

92 100

91 169.7 134.6 202.0





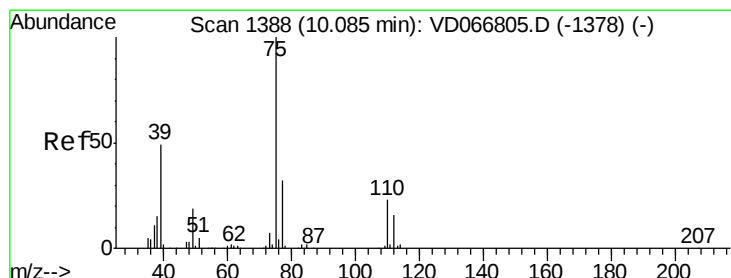
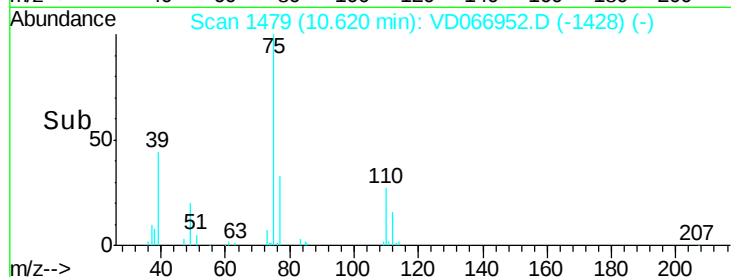
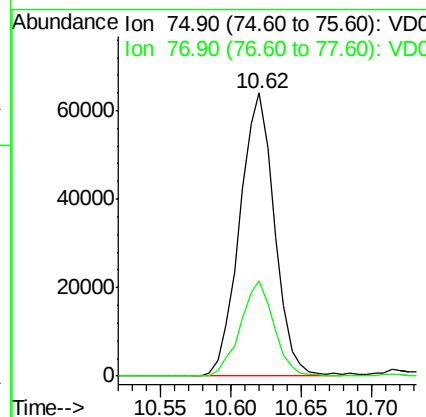
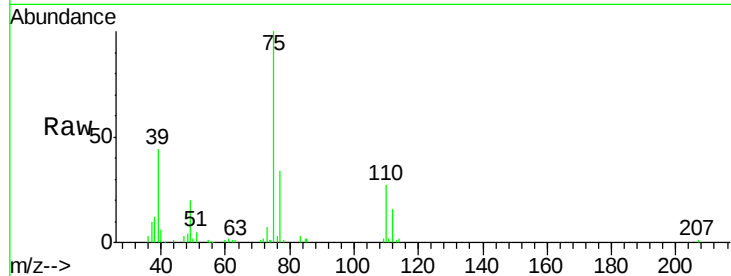
#53
t-1,3-Dichloropropene
Concen: 20.589 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. -0.00 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

Instrument :
MSVOA_D
ClientSampleId :
VW0929SBS02

Tot Ion: 75 Resp: 110499
Ion Ratio Lower Upper
75 100
77 33.8 24.5 36.7

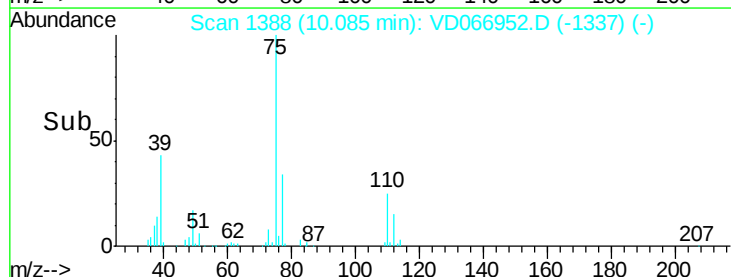
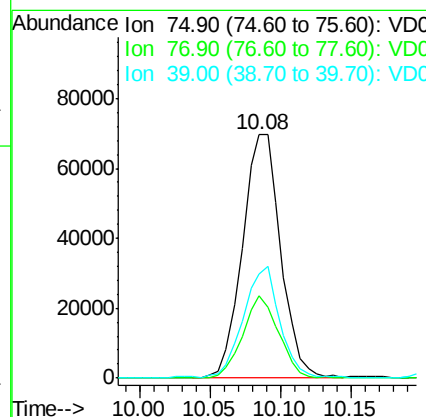
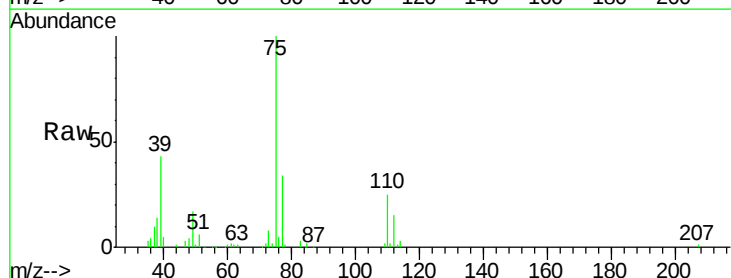
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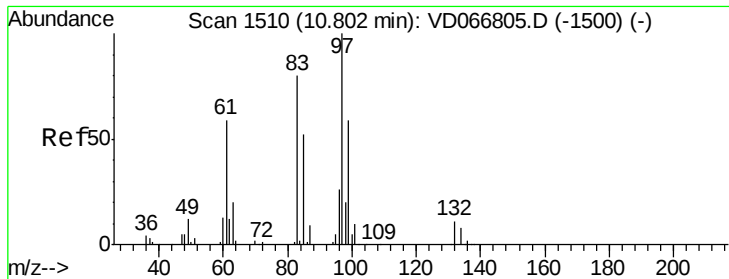
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#54
cis-1,3-Dichloropropene
Concen: 20.189 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

Tgt Ion: 75 Resp: 132122
Ion Ratio Lower Upper
75 100
77 33.8 25.6 38.4
39 42.2 39.2 58.8





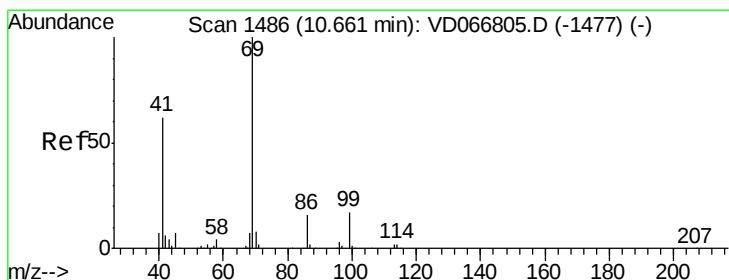
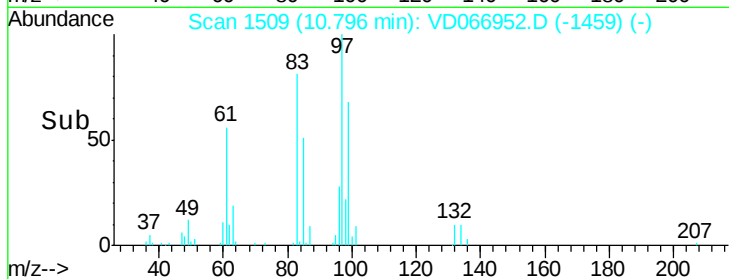
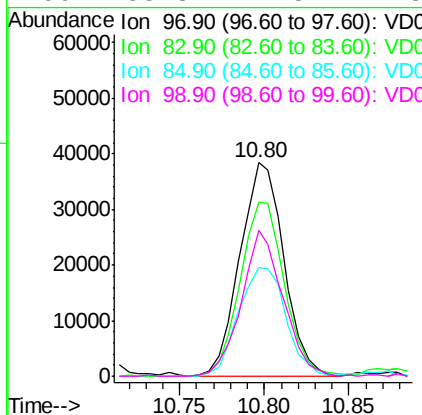
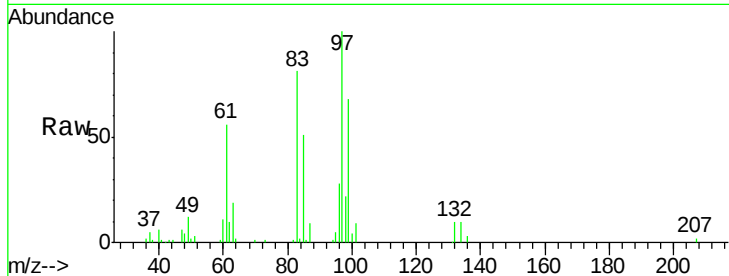
#55
 1,1,2-Trichloroethane
 Concen: 21.449 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066952.D
 Acq: 29 Sep 2020 22:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VW0929SBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		69212		
83	81.4	64.2	96.2		
85	50.7	41.9	62.9		
99	68.3	47.5	71.3		

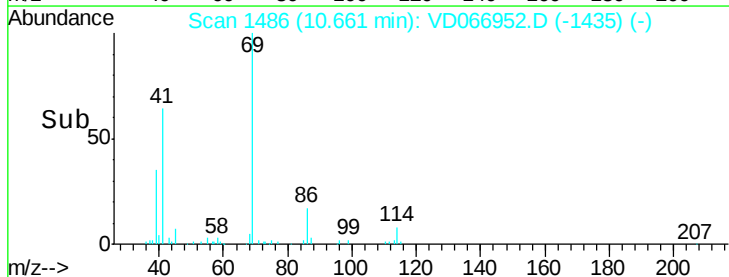
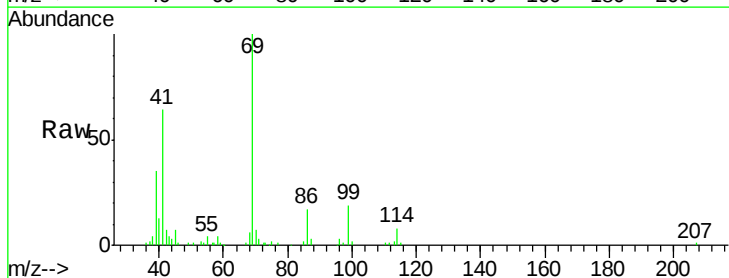
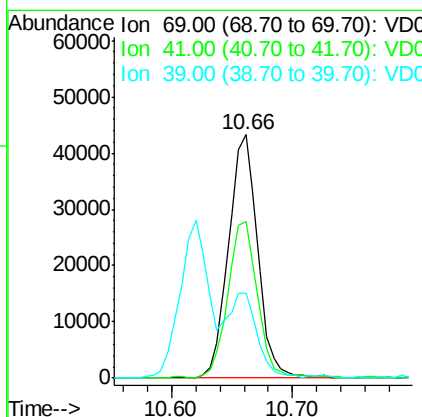
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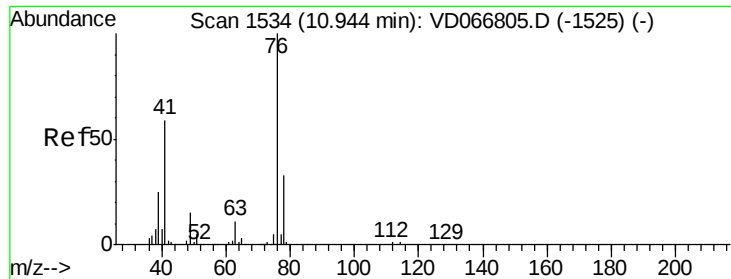
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#56
 Ethyl methacrylate
 Concen: 21.071 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD066952.D
 Acq: 29 Sep 2020 22:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		72840		
41	65.5	52.2	78.2		
39	30.9	26.6	40.0		





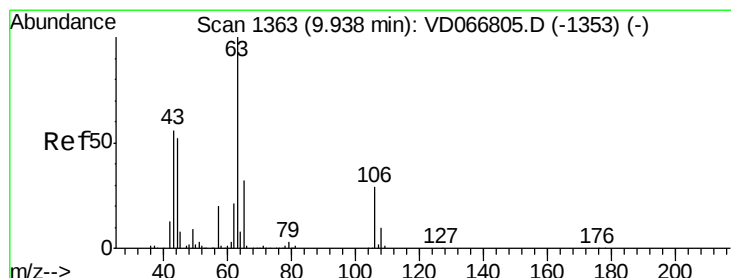
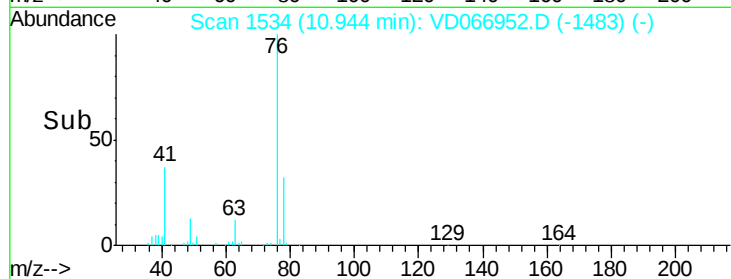
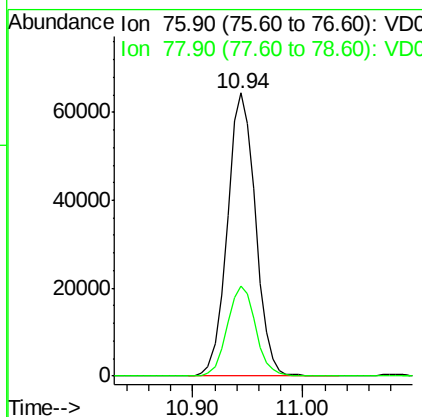
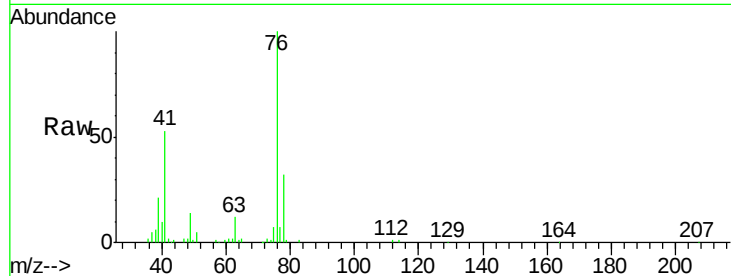
#57
 1,3-Dichloropropane
 Concen: 21.579 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD066952.D
 Acq: 29 Sep 2020 22:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VW0929SBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	26.3	39.5

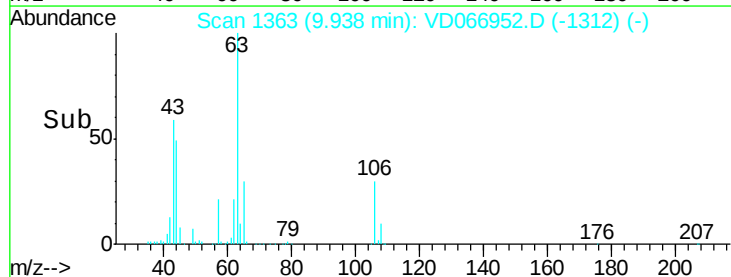
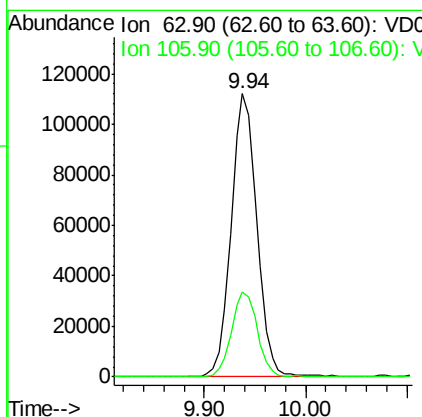
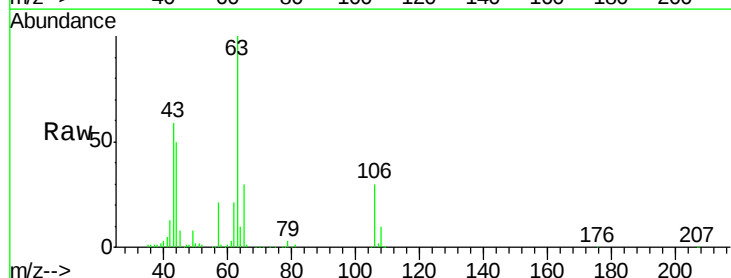
Manual Integrations
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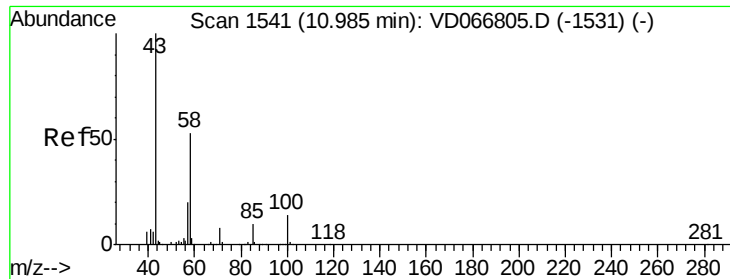
MMDadoda
 9/30/2020 1:22:23 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 120.147 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066952.D
 Acq: 29 Sep 2020 22:42

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.5	23.8	35.6





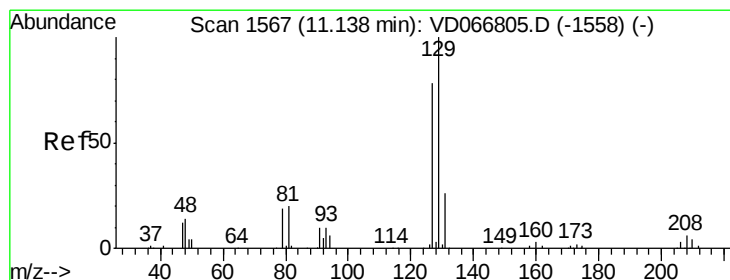
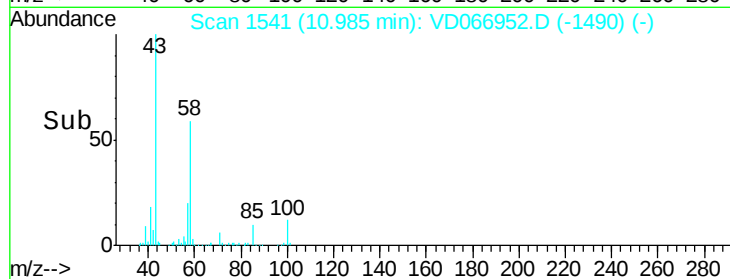
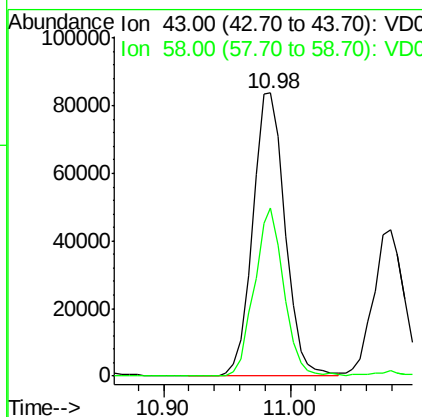
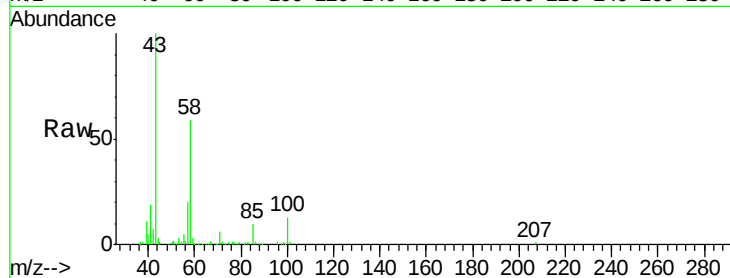
#59
2-Hexanone
Concen: 101.355 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

Instrument :
MSVOA_D
ClientSampleId :
VW0929SBS02

Tot Ion: 43 Resp: 148723
Ion Ratio Lower Upper
43 100
58 54.4 27.0 80.8

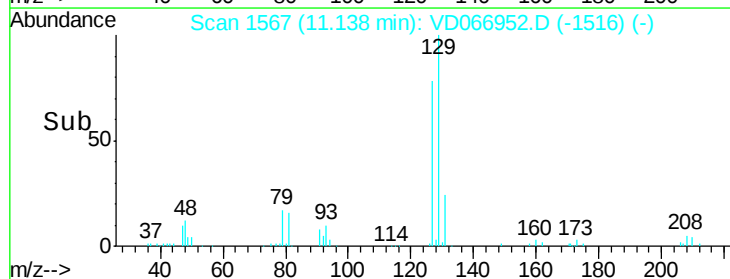
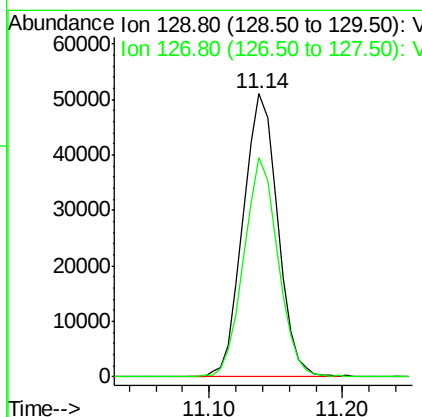
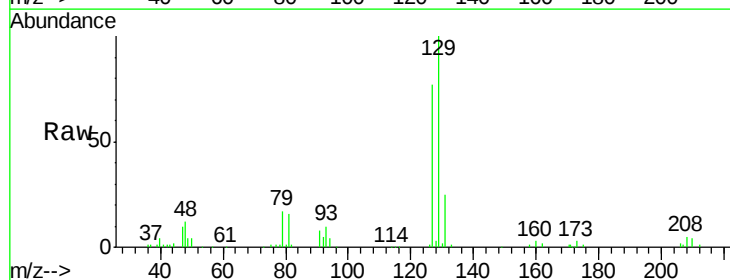
Manual Integrations
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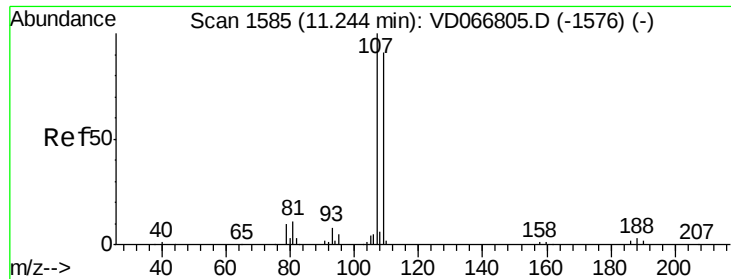
MMDadoda
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#60
Dibromochloromethane
Concen: 21.751 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

Tgt Ion: 129 Resp: 91605
Ion Ratio Lower Upper
129 100
127 76.3 38.6 116.0





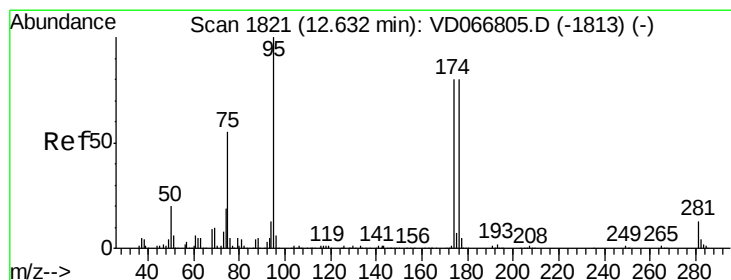
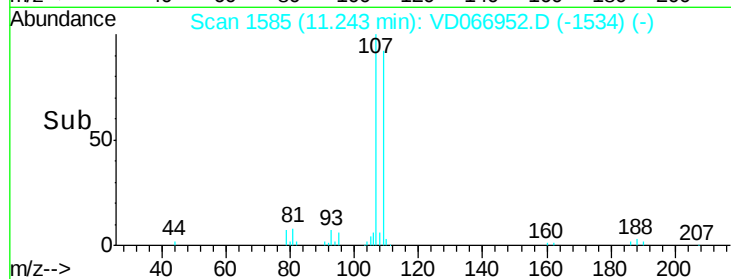
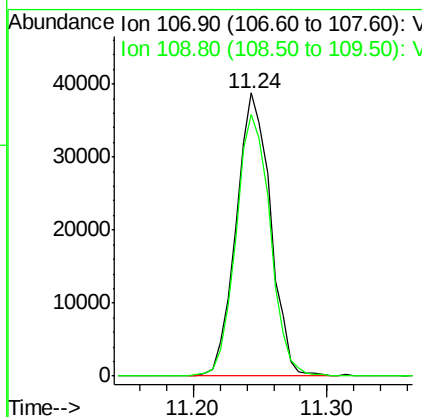
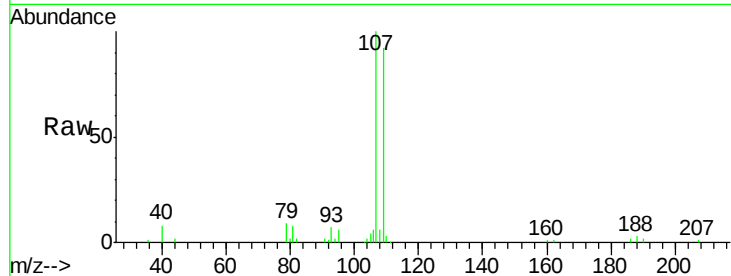
#61
 1,2-Dibromoethane
 Concen: 22.949 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066952.D
 Acq: 29 Sep 2020 22:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VW0929SBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.3	75.0	112.4

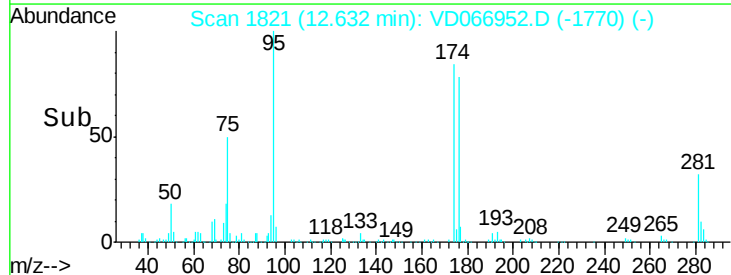
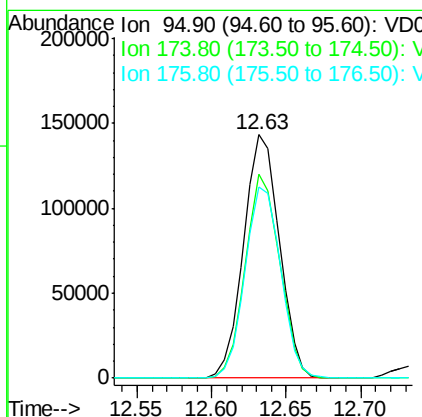
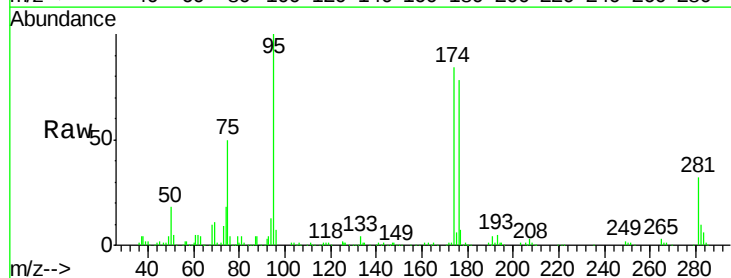
Manual Integrations
 APPROVED

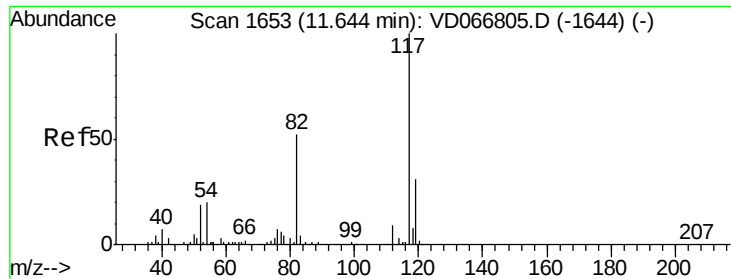
MMDadoda
 9/30/2020 1:22:23 PM



#62
 4-Bromofluorobenzene
 Concen: 51.598 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066952.D
 Acq: 29 Sep 2020 22:42

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.9	0.0	159.8
176	78.2	0.0	154.4





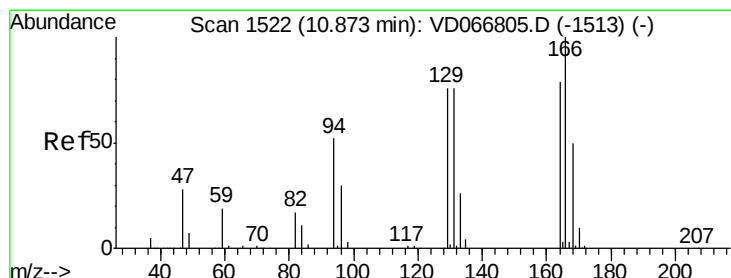
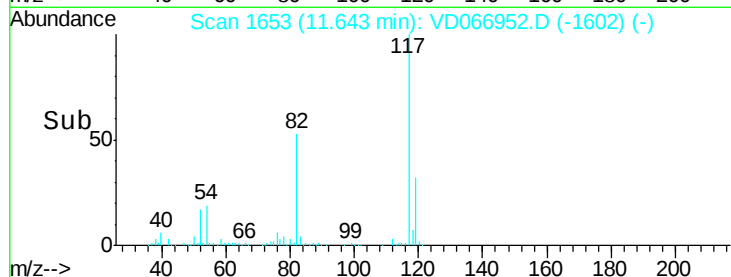
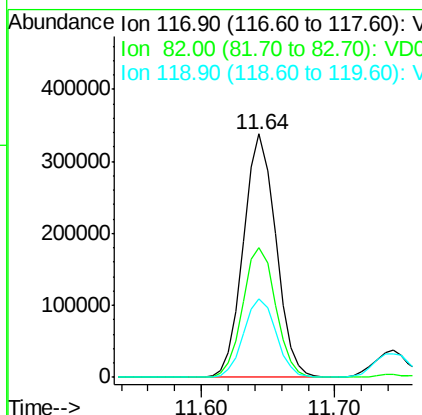
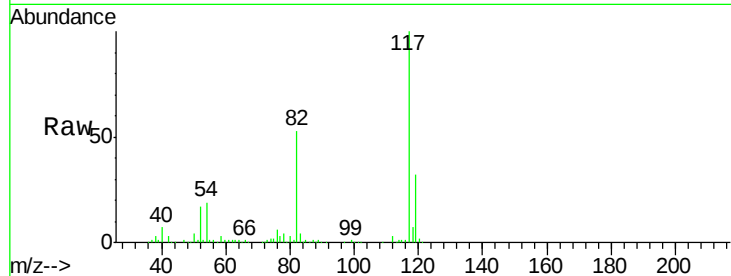
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

Instrument :
MSVOA_D
ClientSampleId :
VW0929SBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	569456		
82	53.0		41.8	62.6
119	32.3		24.6	37.0

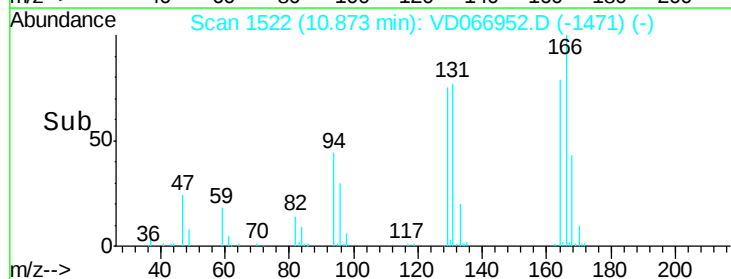
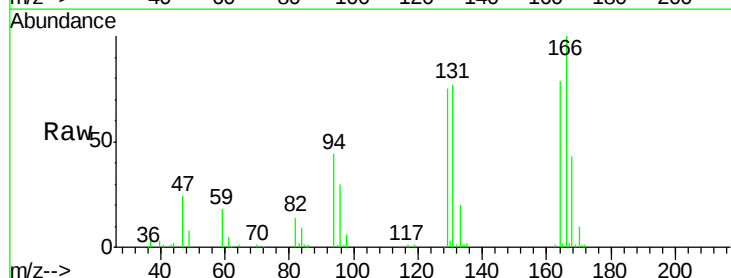
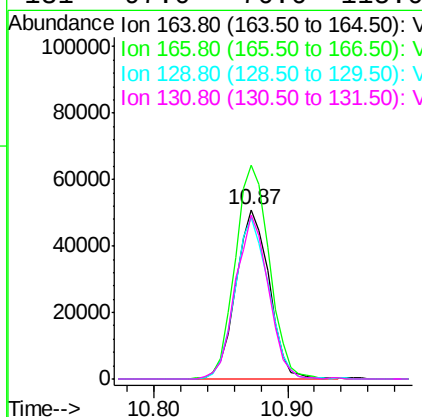
Manual Integrations
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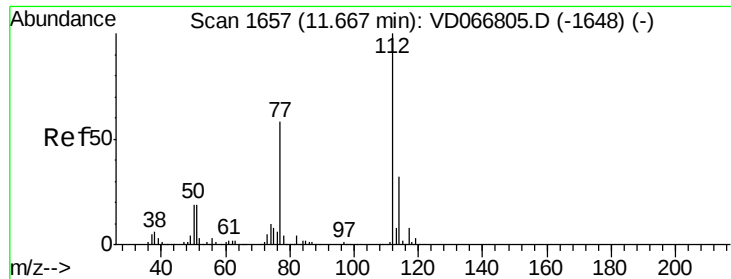
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#64
Tetrachloroethene
Concen: 21.465 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	87924		
166	126.4		101.1	151.7
129	95.3		77.0	115.4
131	97.0		76.6	115.0





#65

Chlorobenzene

Concen: 21.222 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Instrument :

MSVOA_D

ClientSampleId :

VW0929SBS02

Tot Ion:112 Resp: 251558

Ion Ratio Lower Upper

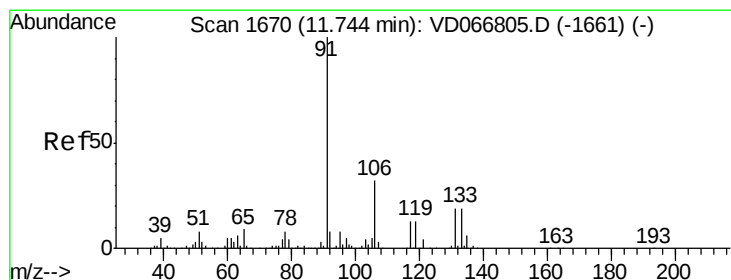
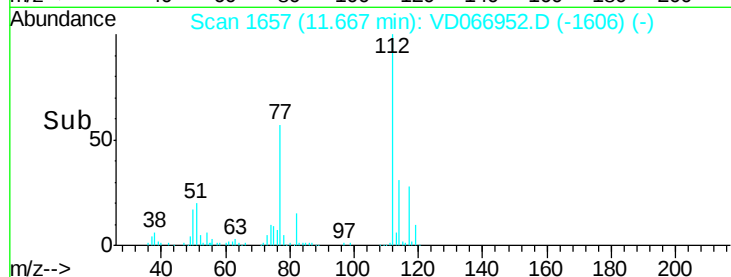
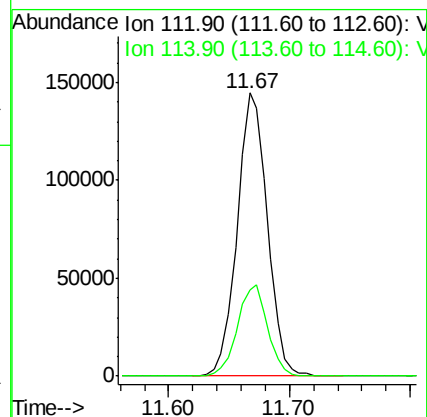
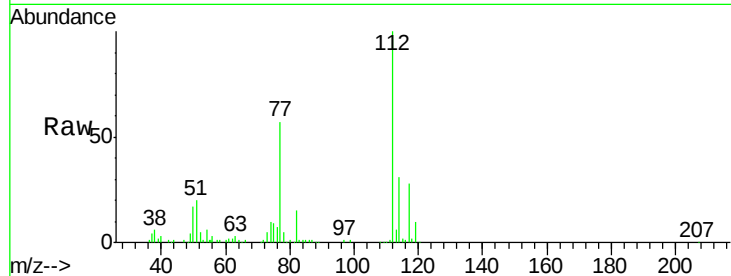
112 100

114 30.7 25.4 38.2

Manual Integrations
APPROVED

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#66

1,1,1,2-Tetrachloroethane

Concen: 21.224 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

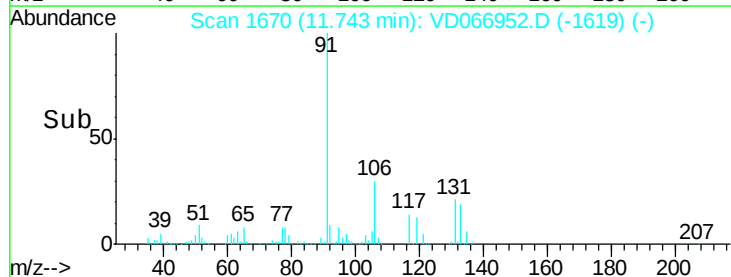
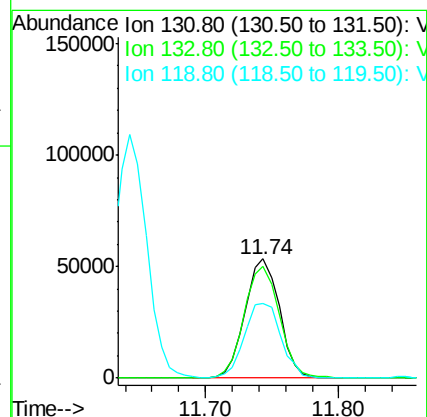
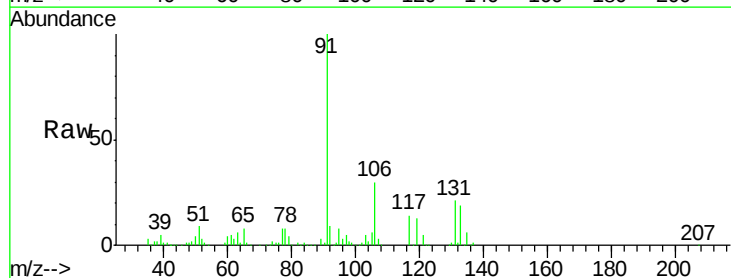
Tgt Ion:131 Resp: 95217

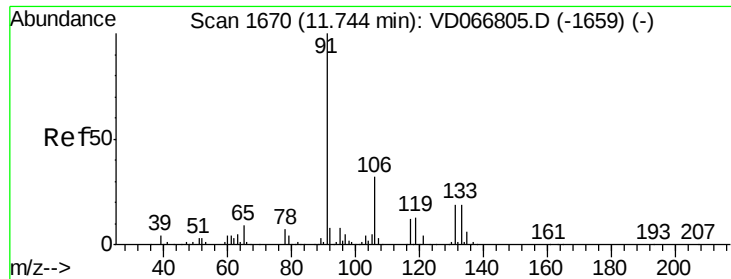
Ion Ratio Lower Upper

131 100

133 96.2 46.7 140.1

119 67.3 32.3 96.9





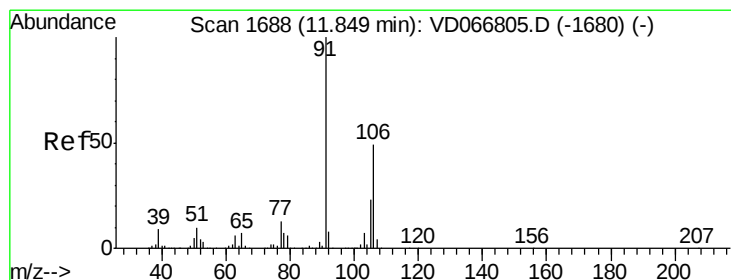
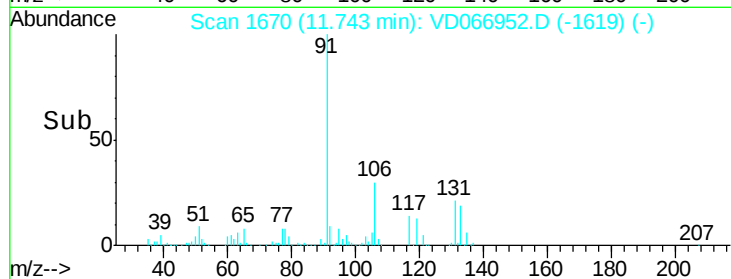
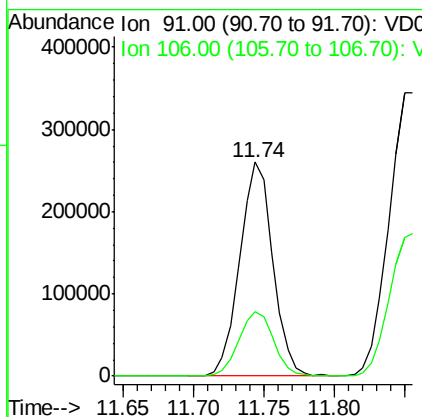
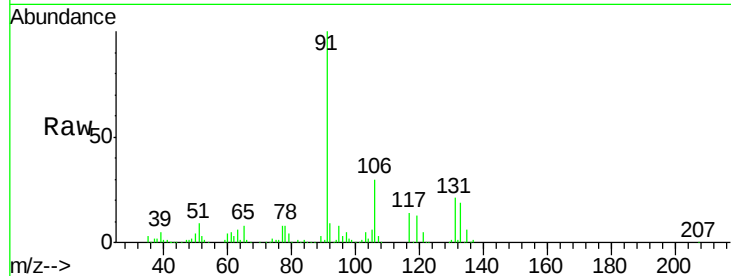
#67
Ethyl Benzene
Concen: 20.532 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

Instrument :
MSVOA_D
ClientSampleId :
VW0929SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.3	25.6	38.4

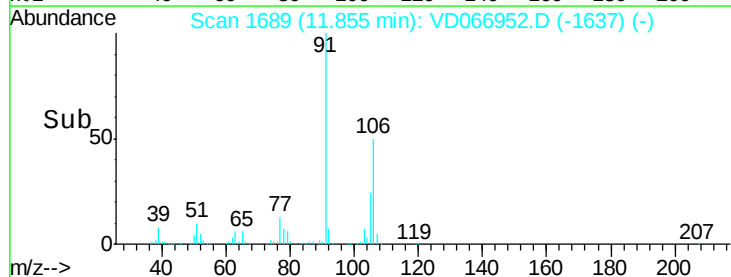
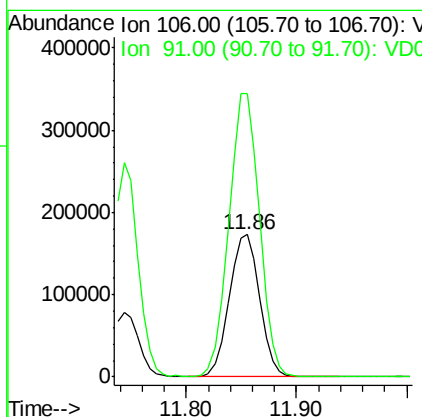
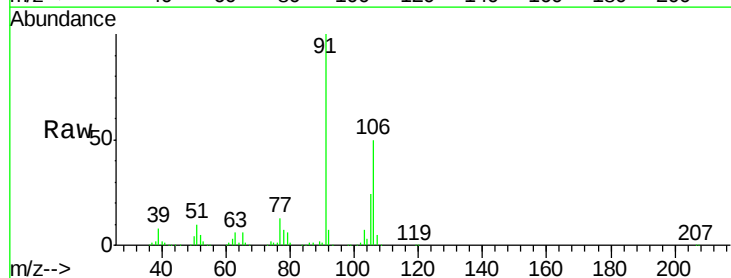
Manual Integrations
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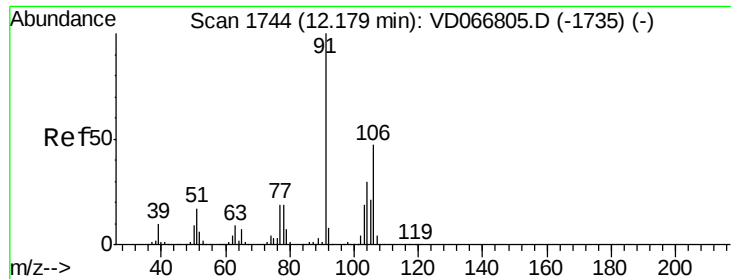
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#68
m/p-Xylenes
Concen: 42.501 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

Tgt Ion	Ratio	Lower	Upper
106	100		
91	200.5	160.7	241.1





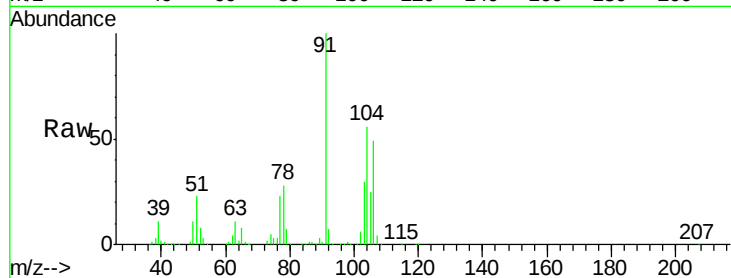
#69
o-Xylene
Concen: 20.877 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

Instrument :
MSVOA_D
ClientSampleId :
VW0929SBS02

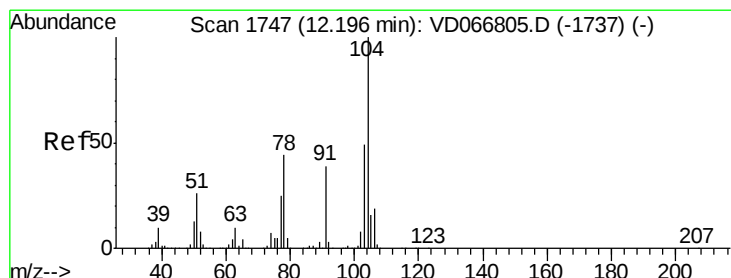
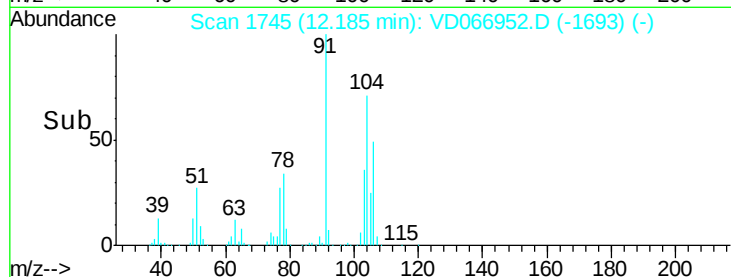
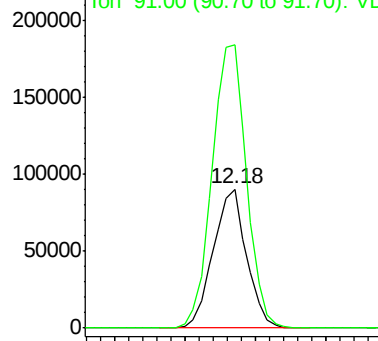
Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		148794		
91	211.5	106.3	318.8		

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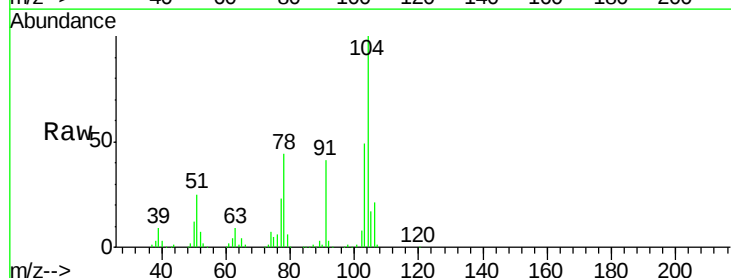


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

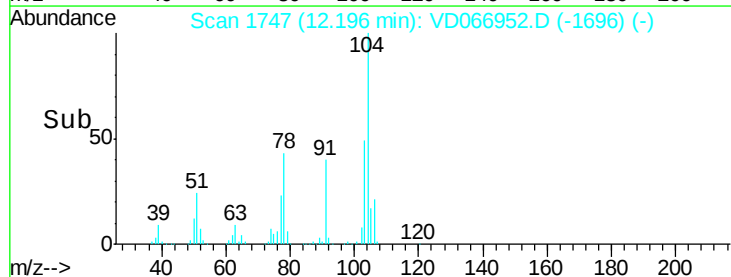
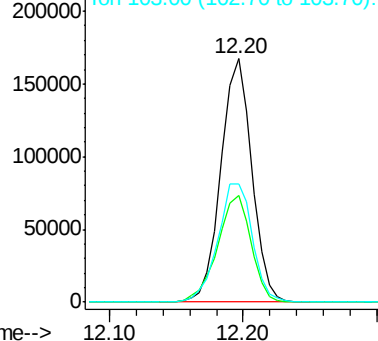


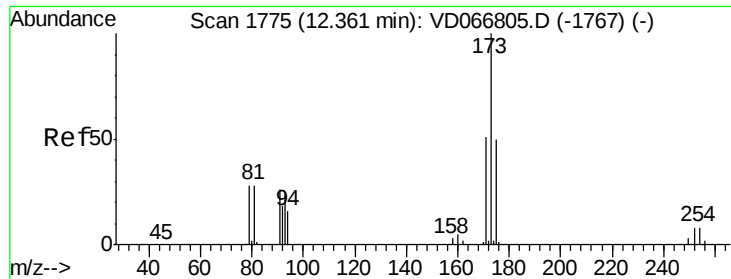
#70
Styrene
Concen: 21.581 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		267117		
78	47.8	38.9	58.3		
103	54.4	43.2	64.8		



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





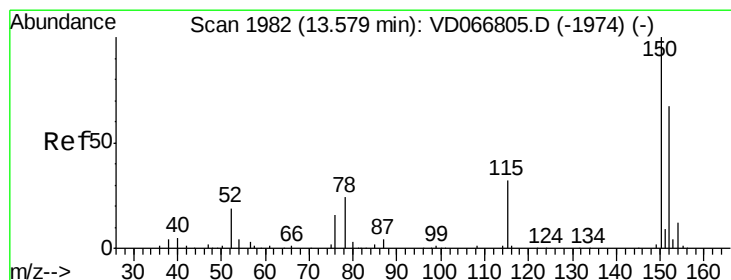
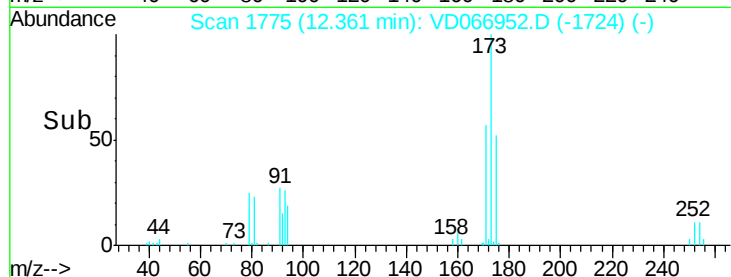
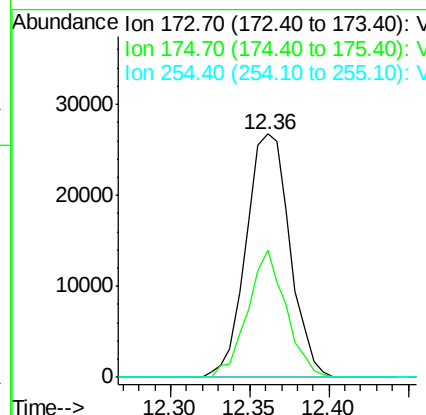
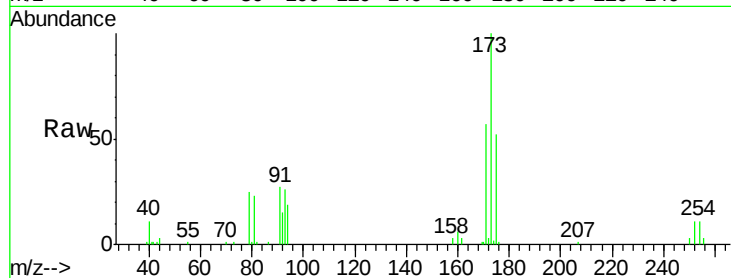
#71
Bromoform
Concen: 22.543 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.00 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

Instrument :
MSVOA_D
ClientSampleId :
VW0929SBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	45.8	24.9	74.6
254	0.0	0.1	0.1#

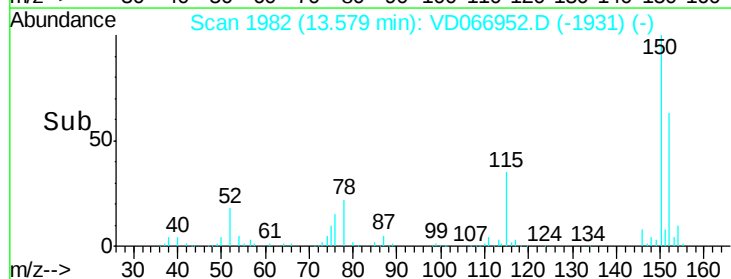
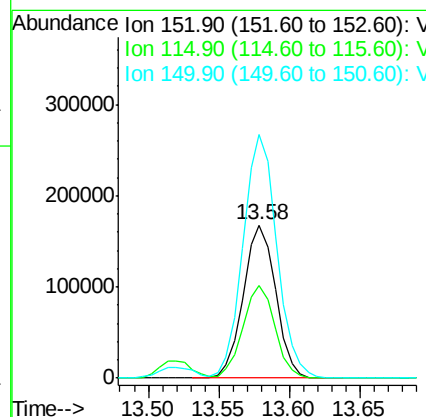
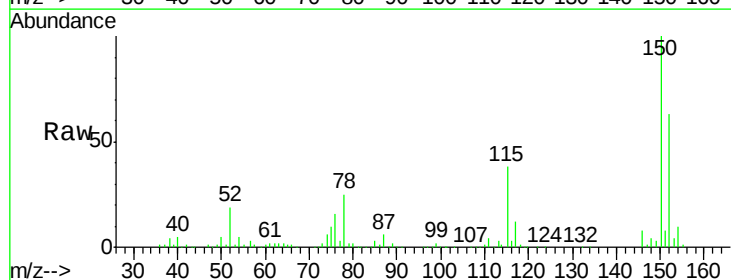
Manual Integrations
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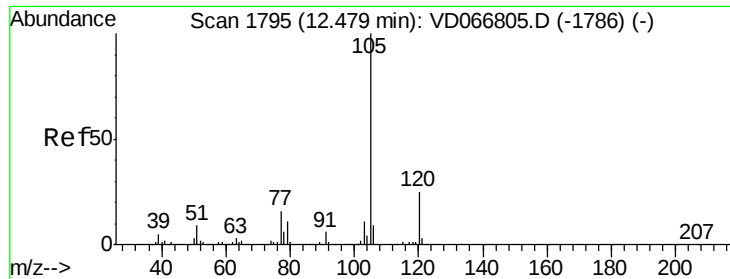
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.1	30.3	91.0
150	165.7	0.0	346.2





#73

Isopropylbenzene

Concen: 20.802 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Instrument :

MSVOA_D

ClientSampleId :

VW0929SBS02

Tot Ion:105 Resp: 406399

Ion Ratio Lower Upper

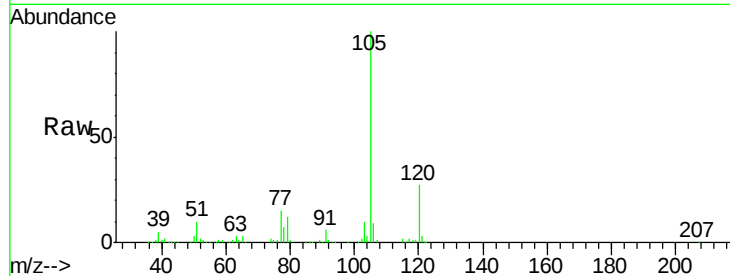
105 100

120 26.4 12.9 38.6

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

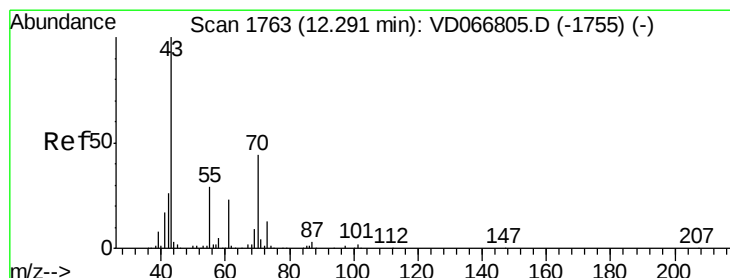
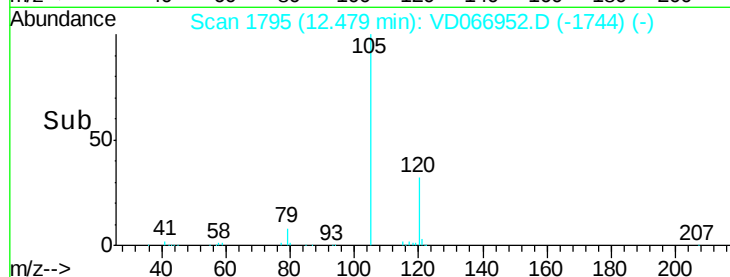
0

12.40

12.48

12.50

Time-->



#74

N-ethyl acetate

Concen: 20.333 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Tgt Ion: 43 Resp: 77574

Ion Ratio Lower Upper

43 100

70 45.7 36.1 54.1

55 27.4 21.8 32.8

61 25.8 19.0 28.4

Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

80000

60000

40000

20000

0

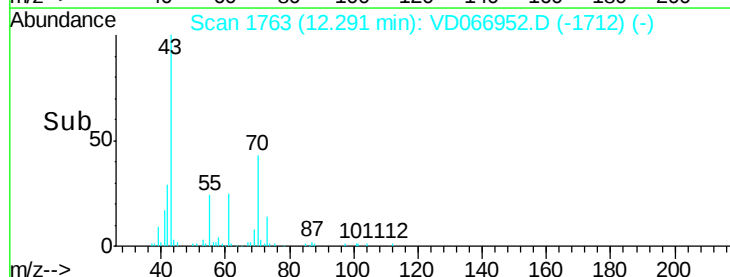
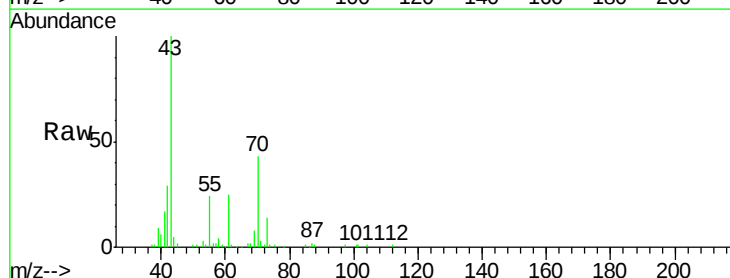
12.20

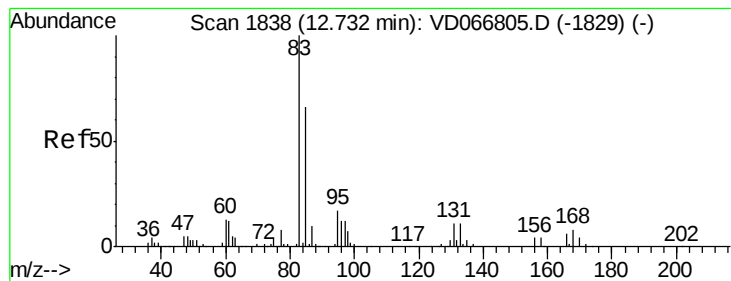
12.25

12.29

12.35

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.768 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Instrument :

MSVOA_D

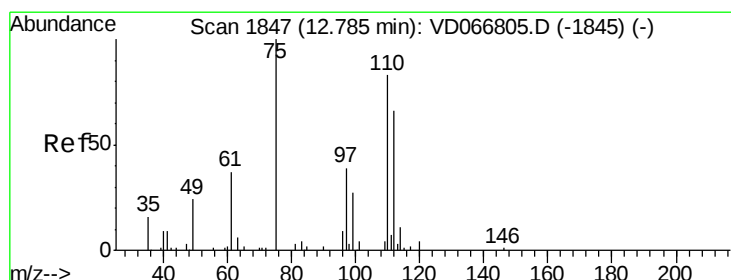
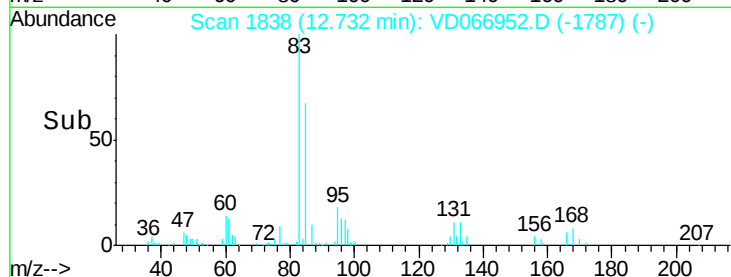
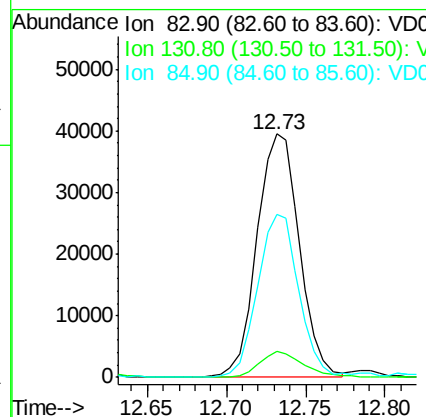
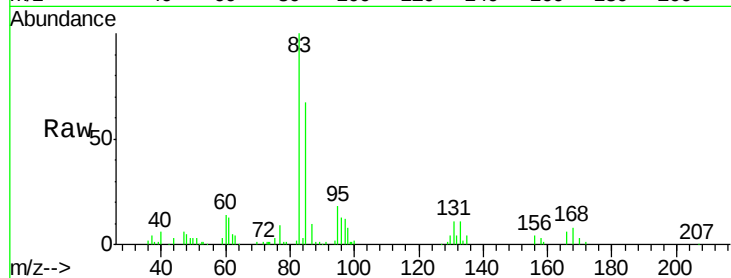
ClientSampleId :

VW0929SBS02

Tot Ion:	83	Resp:	73381
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.5	16.7
85	65.2	32.1	96.5

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#76

1,2,3-Trichloropropane

Concen: 24.964 ug/l m

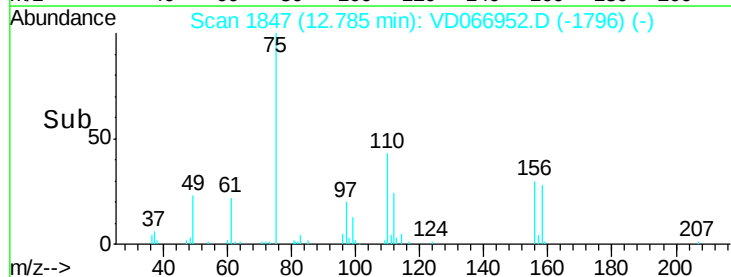
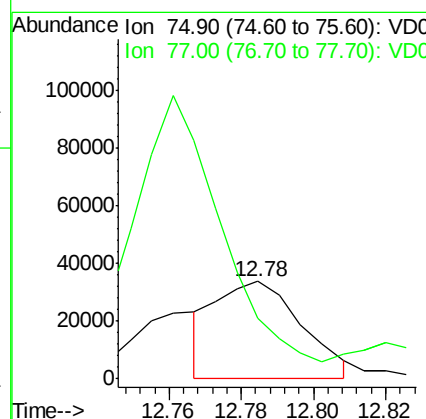
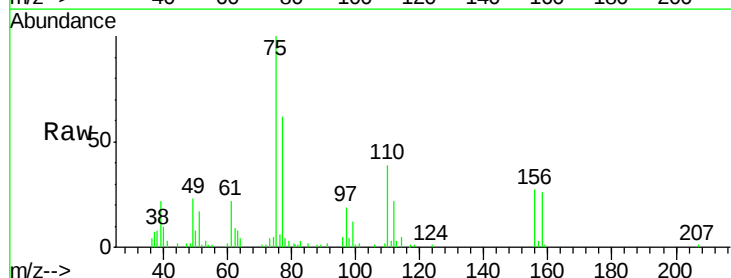
RT: 12.78 min Scan# 1847

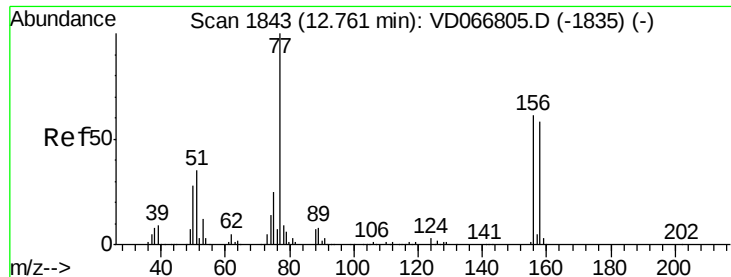
Delta R.T. -0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Tgt Ion:	75	Resp:	55949
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.785 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Instrument :

MSVOA_D

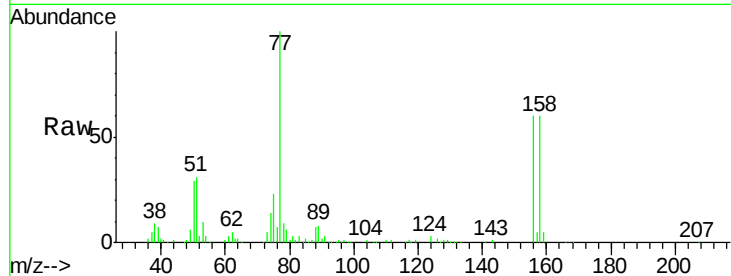
ClientSampleId :

VW0929SBS02

Tot Ion:	156	Resp:	99536
Ion Ratio	Lower	Upper	
156	100		
77	177.2	92.3	276.9
158	98.9	47.6	142.9

Manual Integrations
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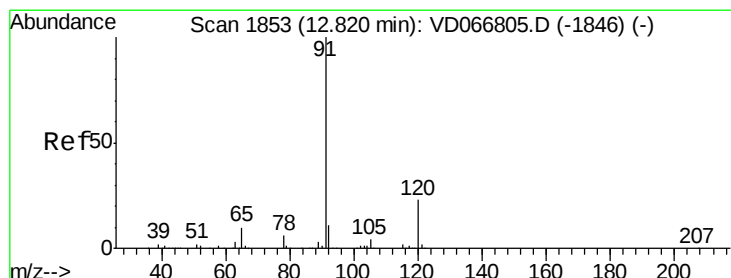
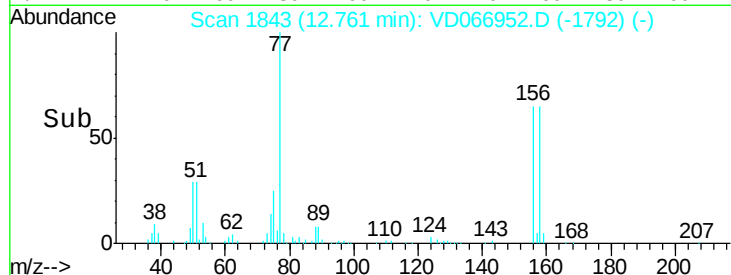
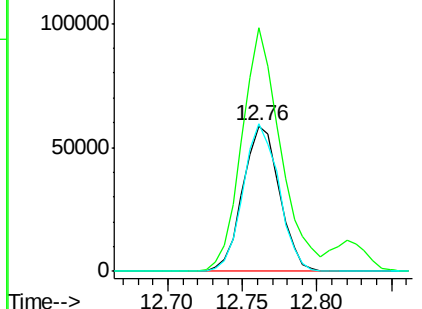
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.579 ug/l

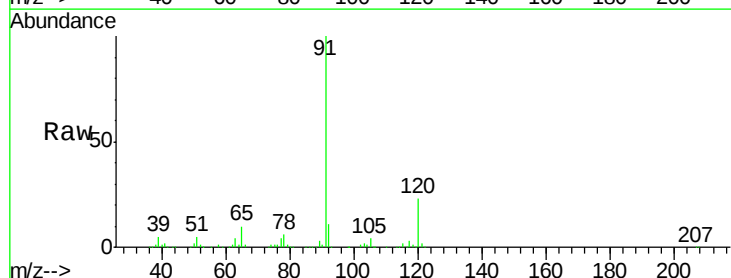
RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066952.D

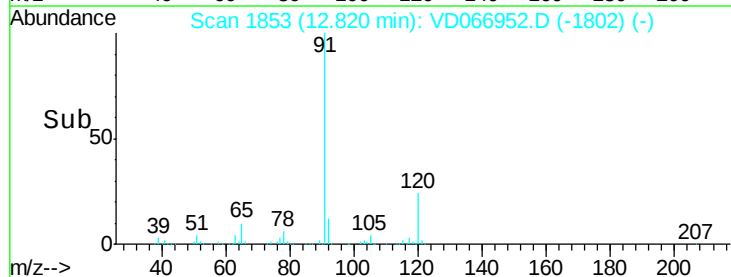
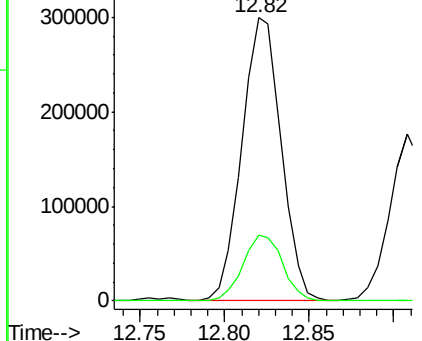
Acq: 29 Sep 2020 22:42

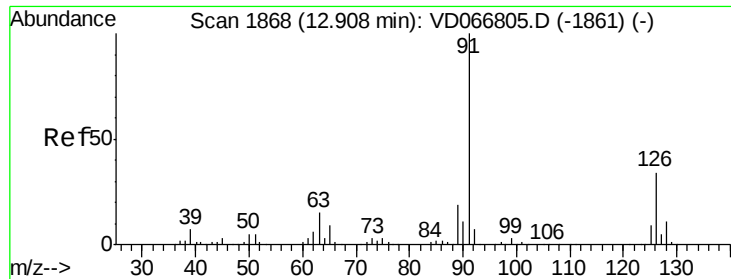
Tgt Ion:	91	Resp:	483664
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.4	34.2



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





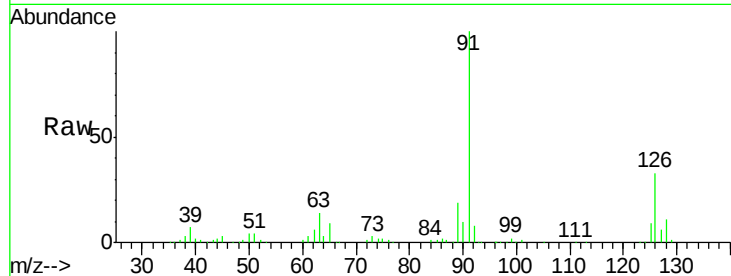
#79
2-Chlorotoluene
Concen: 20.999 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

Instrument :
MSVOA_D
ClientSampleId :
VW0929SBS02

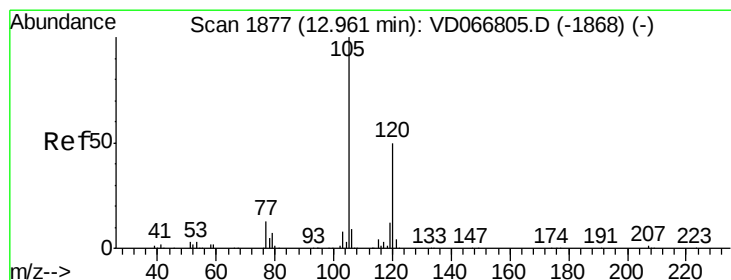
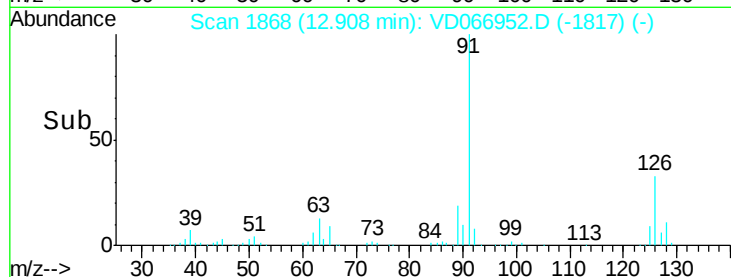
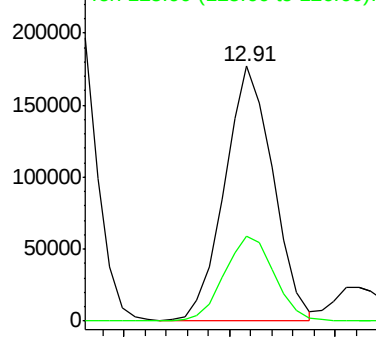
Tot Ion: 91 Resp: 281246
Ion Ratio Lower Upper
91 100
126 34.4 17.0 51.0

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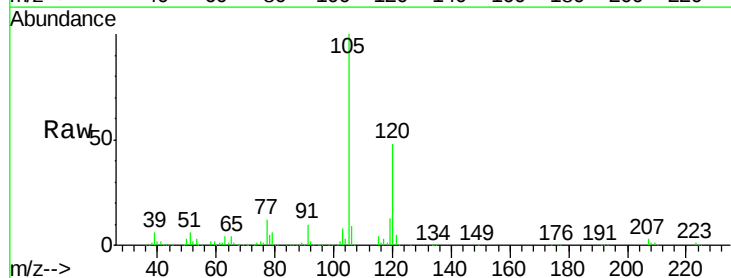


Abundance Ion 91.00 (90.70 to 91.70): VD066805.D (-1861) (-)
Ion 125.90 (125.60 to 126.60): VD066952.D (-1817) (-)

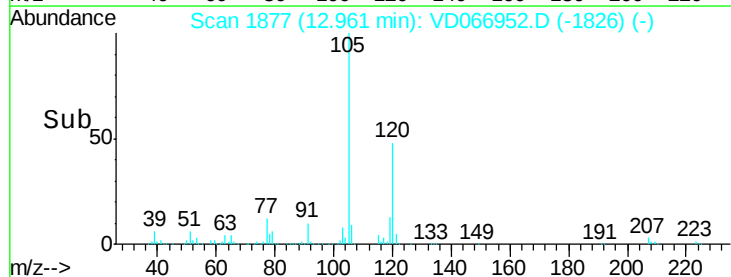
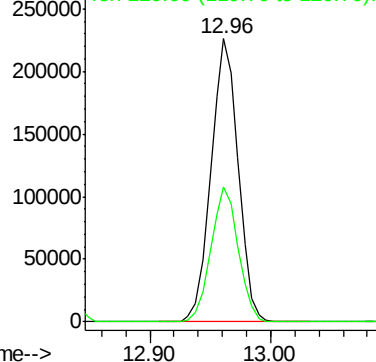


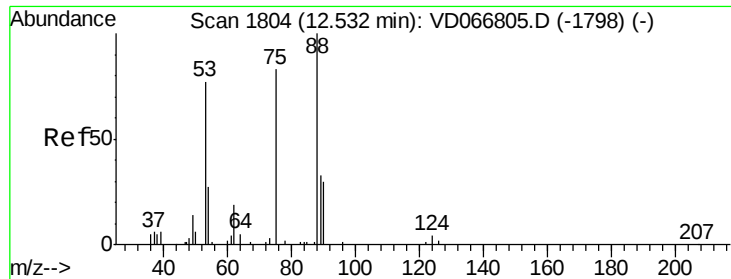
#80
1,3,5-Trimethylbenzene
Concen: 21.356 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

Tgt Ion: 105 Resp: 354005
Ion Ratio Lower Upper
105 100
120 48.0 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VD066805.D (-1868) (-)
Ion 120.00 (119.70 to 120.70): VD066952.D (-1826) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 22.769 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Instrument :

MSVOA_D

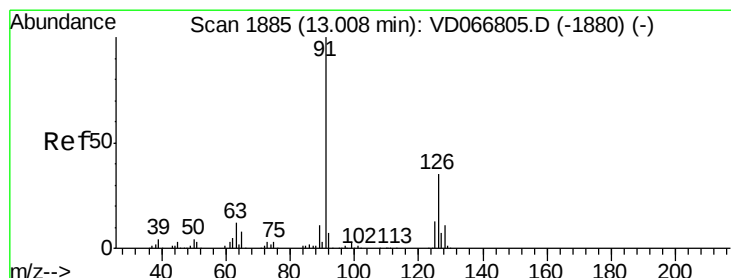
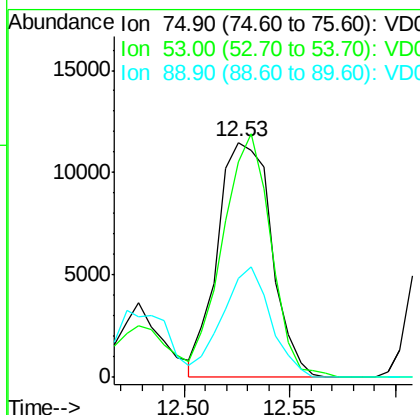
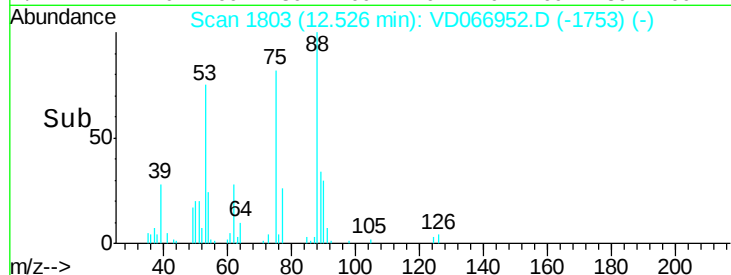
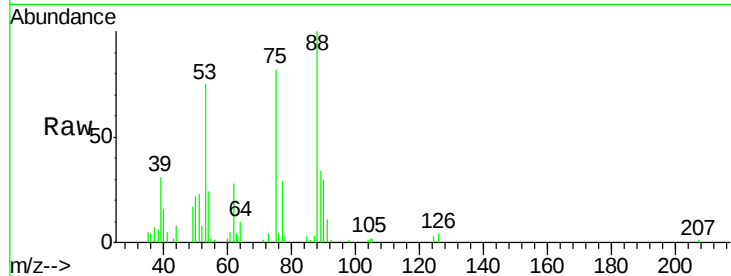
ClientSampleId :

VW0929SBS02

Tot Ion:	75	Resp:	20396
Ion	Ratio	Lower	Upper
75	100		
53	92.4	78.5	117.7
89	42.0	38.1	57.1

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#82

4-Chlorotoluene

Concen: 21.254 ug/l

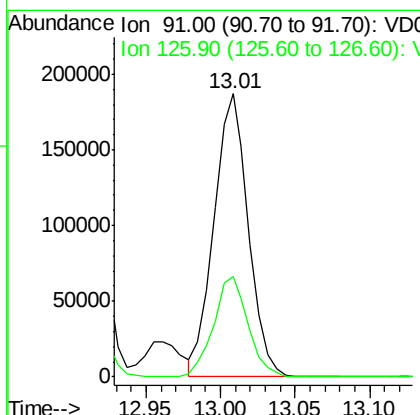
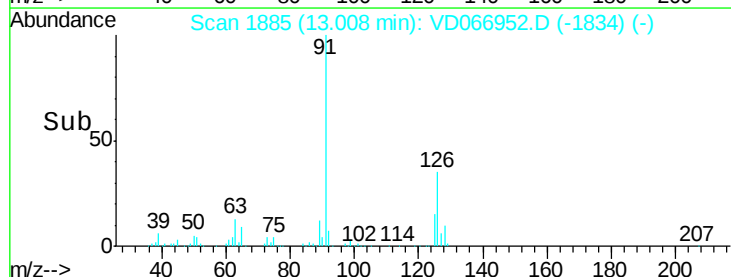
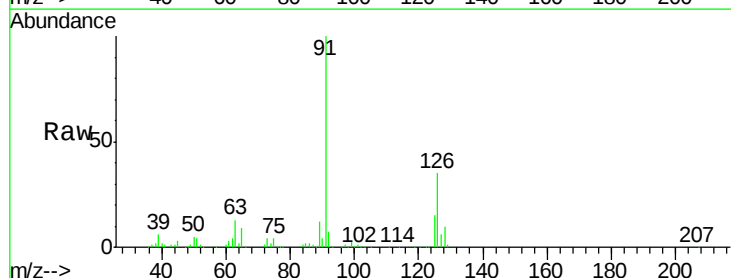
RT: 13.01 min Scan# 1885

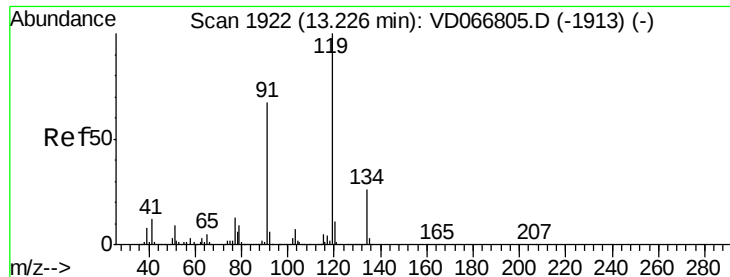
Delta R.T. -0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Tgt Ion:	91	Resp:	300076
Ion	Ratio	Lower	Upper
91	100		
126	35.7	17.1	51.2





#83

tert-Butylbenzene

Concen: 20.543 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Instrument :

MSVOA_D

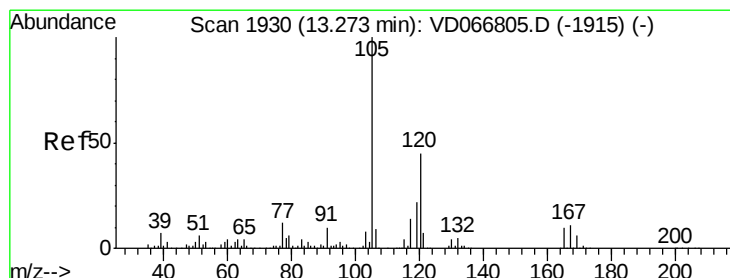
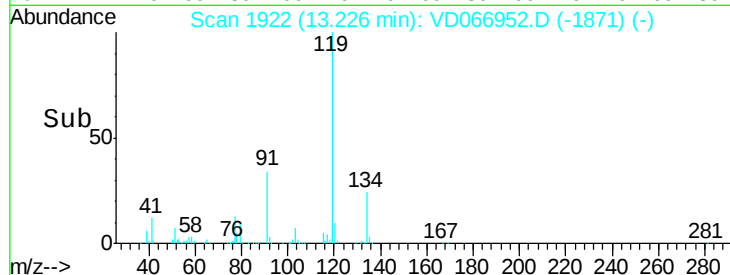
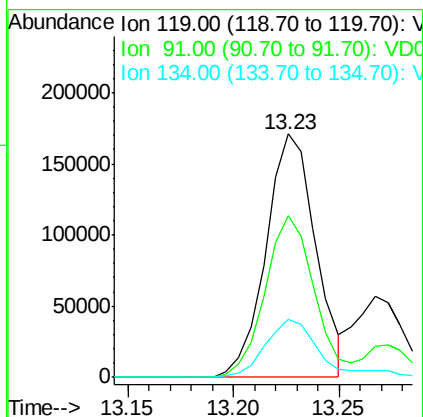
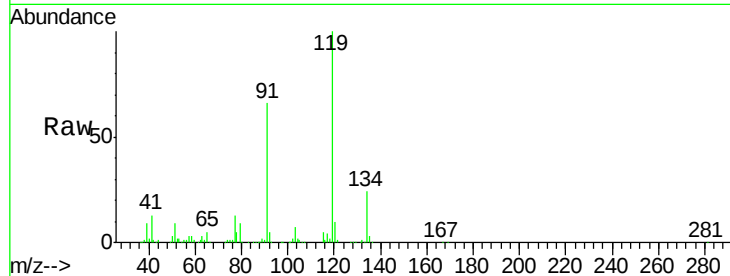
ClientSampleId :

VW0929SBS02

Tot Ion:	119	Resp:	279823
Ion Ratio	Lower	Upper	
119	100		
91	65.7	33.6	100.8
134	26.6	13.5	40.4

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 21.462 ug/l

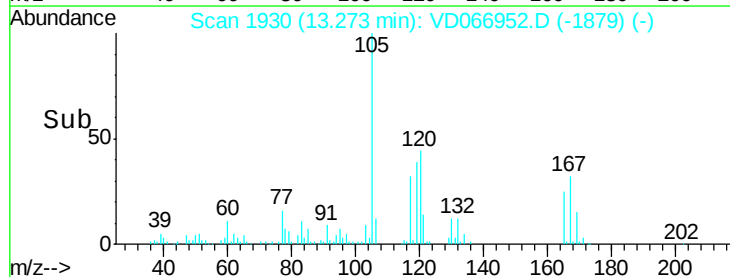
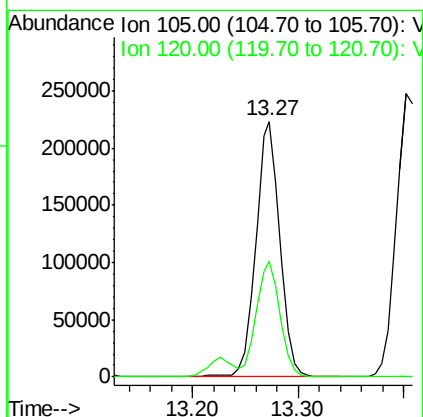
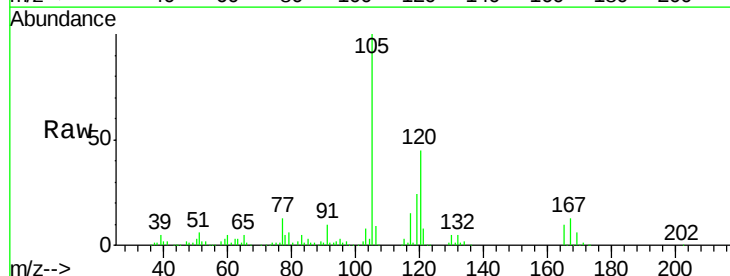
RT: 13.27 min Scan# 1930

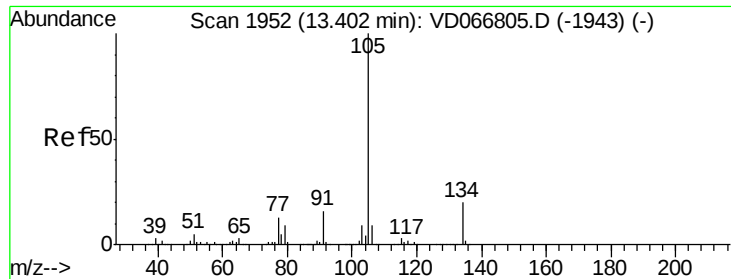
Delta R.T. -0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Tgt Ion:	105	Resp:	352794
Ion Ratio	Lower	Upper	
105	100		
120	45.1	22.3	66.9





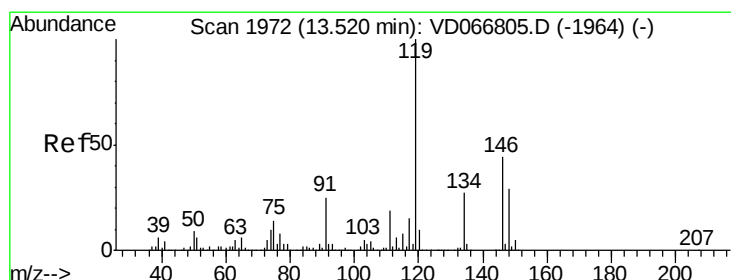
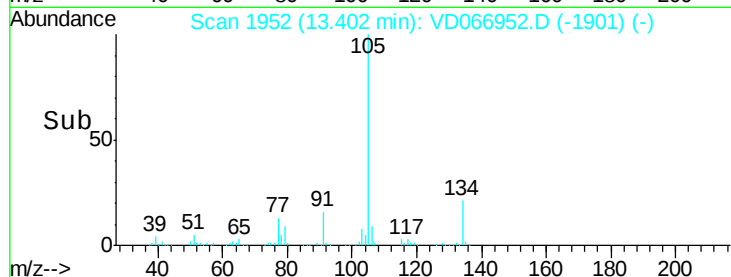
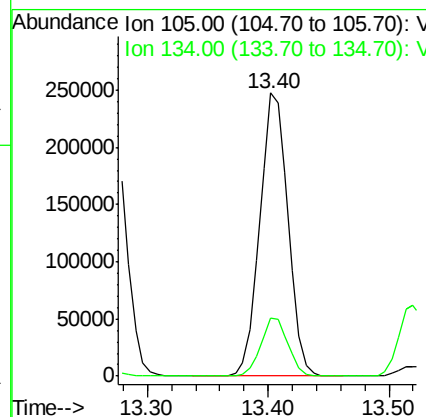
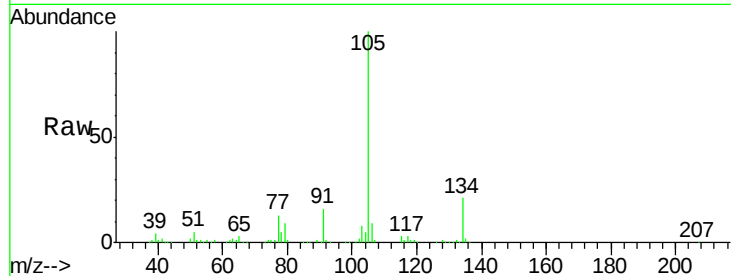
#85
 sec-Butylbenzene
 Concen: 20.624 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VD066952.D
 Acq: 29 Sep 2020 22:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VW0929SBS02

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.8	10.2	30.6

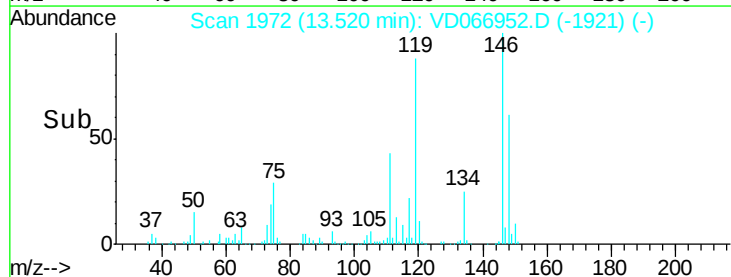
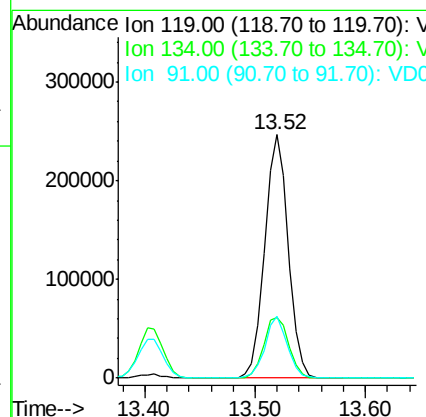
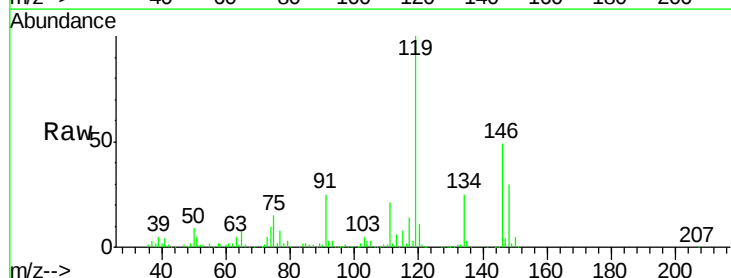
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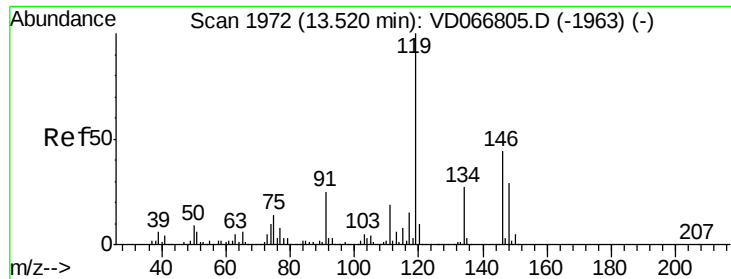
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#86
 p-Isopropyltoluene
 Concen: 20.861 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066952.D
 Acq: 29 Sep 2020 22:42

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.0	38.9
91	23.8	12.0	36.1





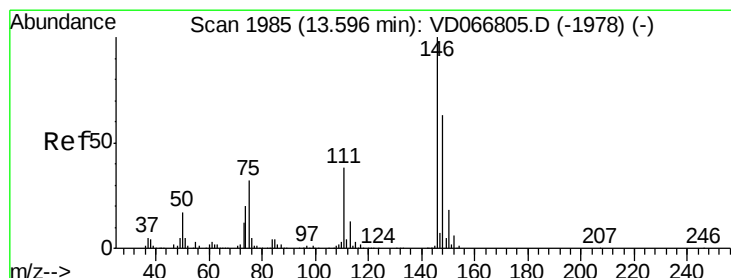
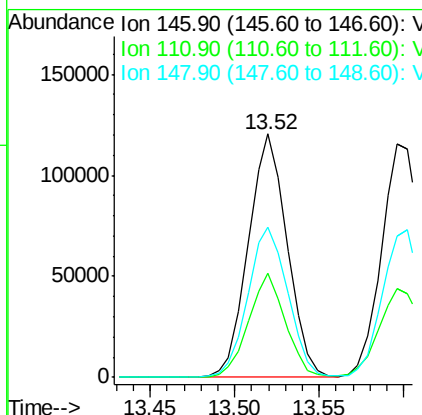
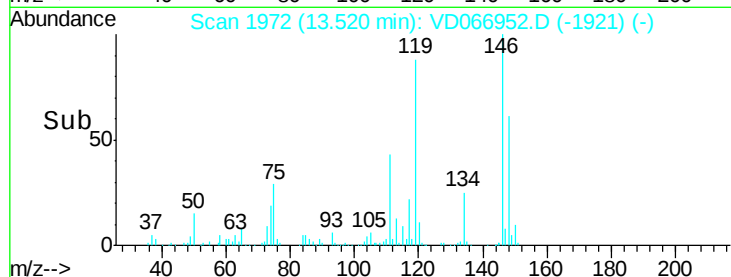
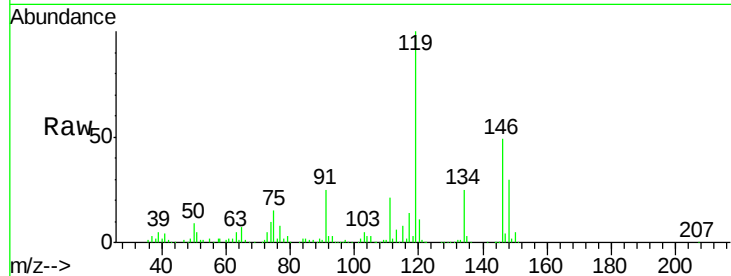
#87
 1,3-Dichlorobenzene
 Concen: 21.320 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066952.D
 Acq: 29 Sep 2020 22:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VW0929SBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	192457		
111	40.7	20.3	60.9	
148	63.5	31.9	95.5	

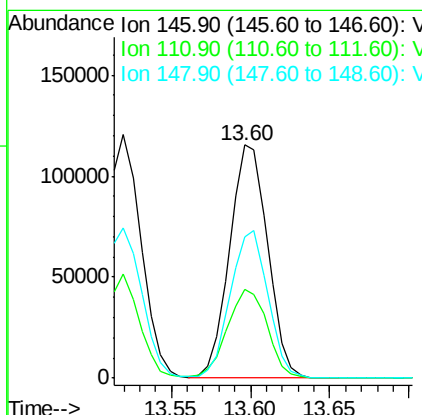
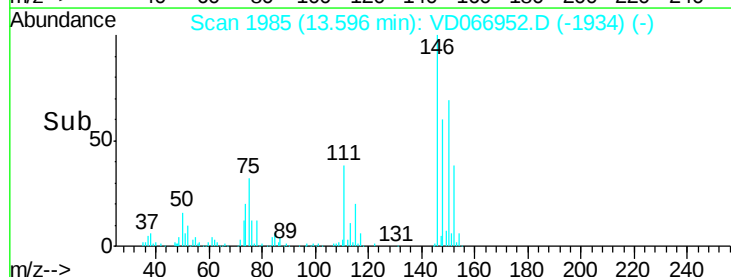
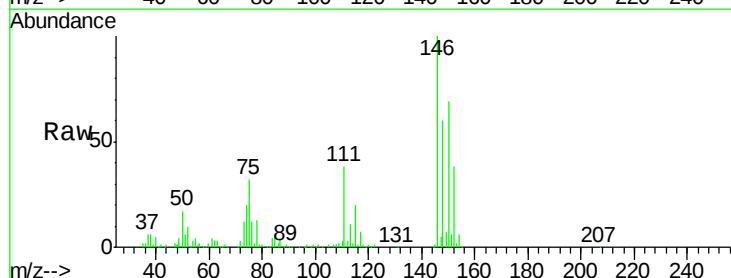
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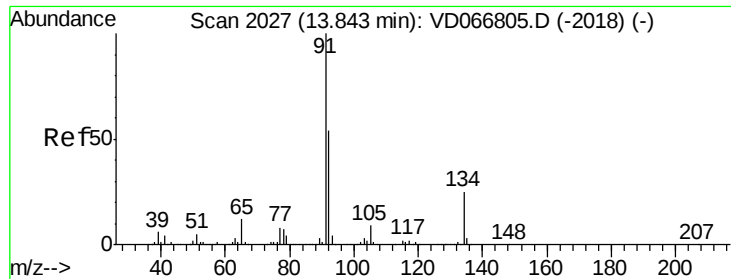
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#88
 1,4-Dichlorobenzene
 Concen: 21.508 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066952.D
 Acq: 29 Sep 2020 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	192828		
111	39.9	20.2	60.5	
148	62.5	31.6	94.7	





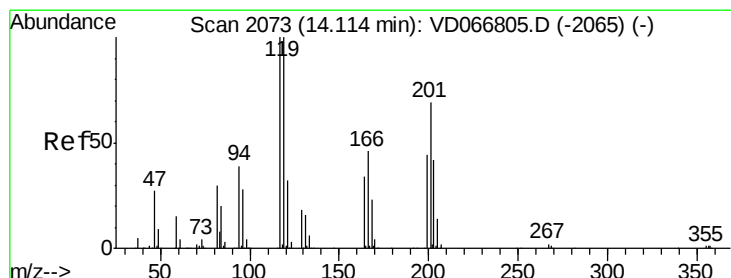
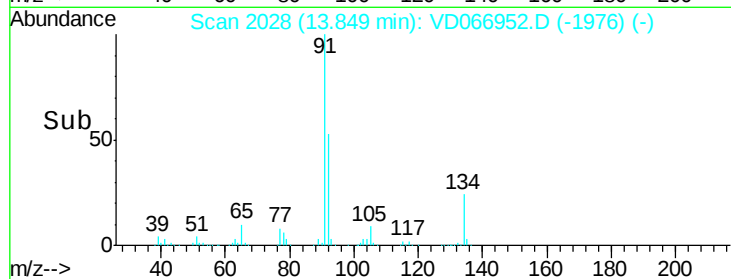
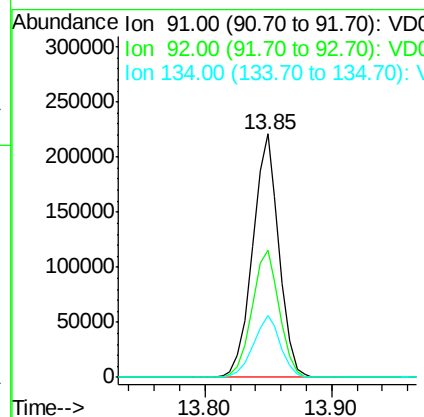
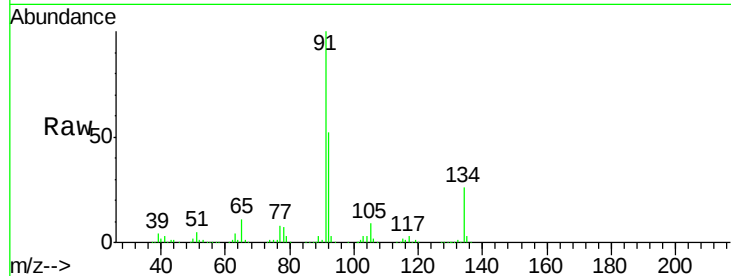
#89
n-Butylbenzene
Concen: 18.900 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.01 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

Instrument :
MSVOA_D
ClientSampleId :
VW0929SBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.3	26.7	80.0	
134	26.0	13.1	39.1	

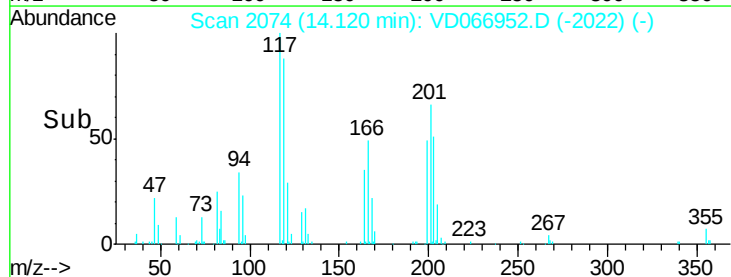
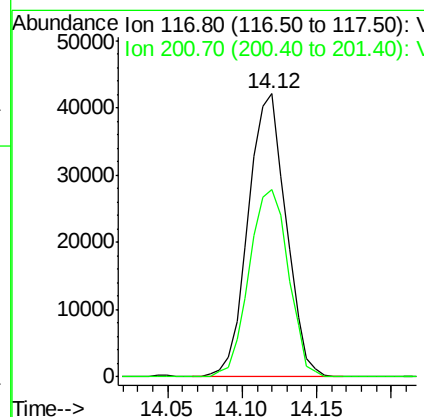
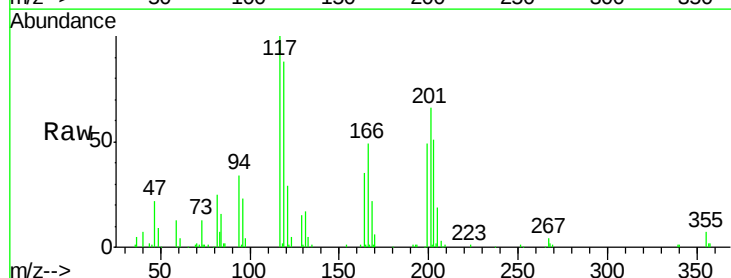
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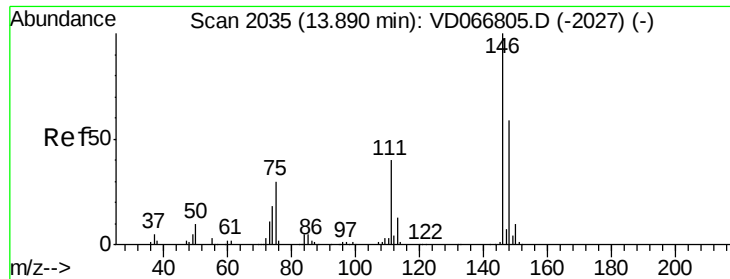
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#90
Hexachloroethane
Concen: 20.562 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	68.8	33.7	101.0	





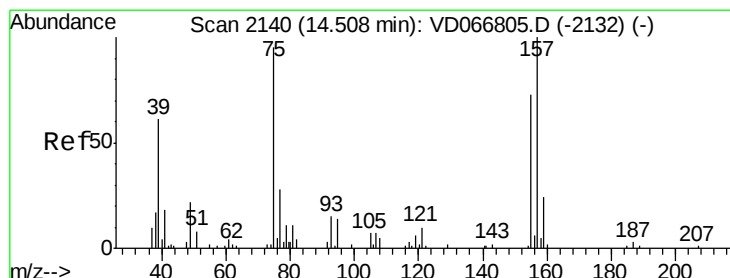
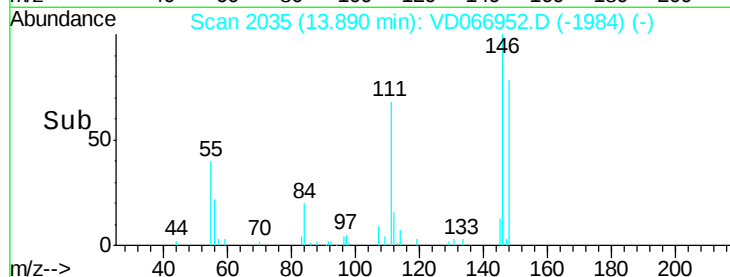
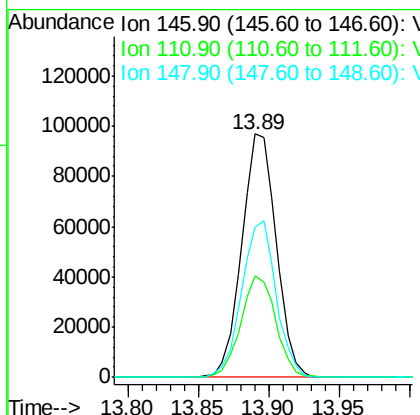
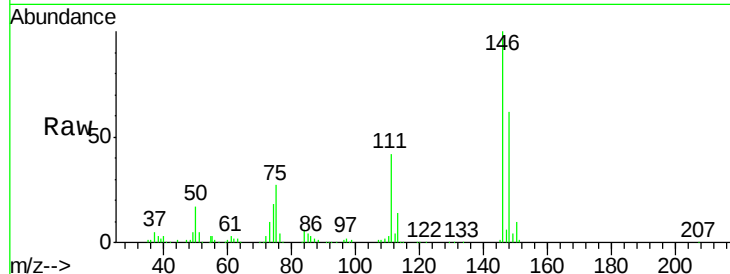
#91
 1,2-Dichlorobenzene
 Concen: 21.435 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066952.D
 Acq: 29 Sep 2020 22:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VW0929SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	20.9	62.7
148	64.5	31.8	95.3

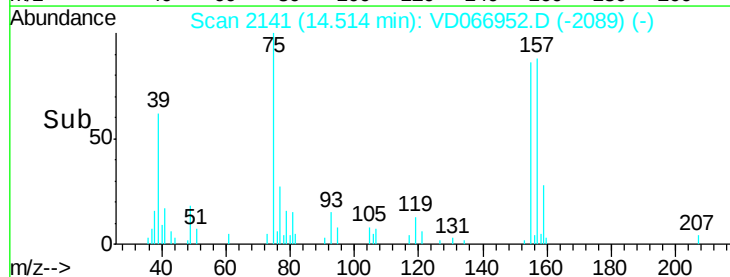
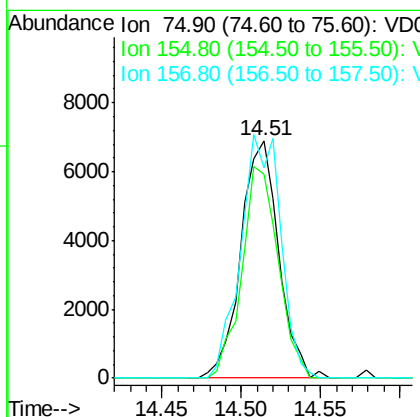
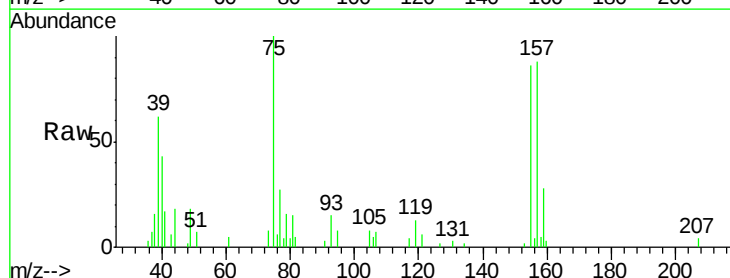
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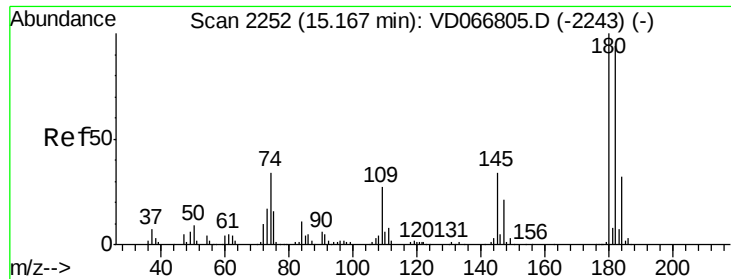
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.077 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.01 min
 Lab File: VD066952.D
 Acq: 29 Sep 2020 22:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.5	40.4	121.2
157	108.8	51.3	153.9





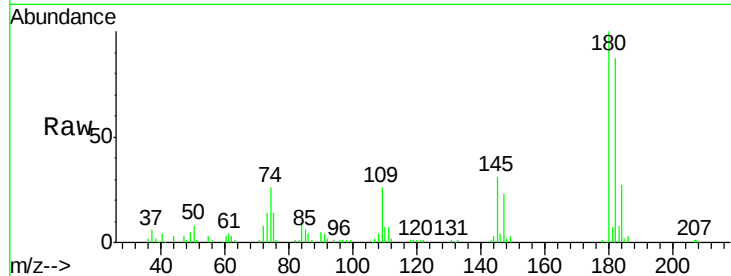
#93
 1,2,4-Trichlorobenzene
 Concen: 20.956 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.01 min
 Lab File: VD066952.D
 Acq: 29 Sep 2020 22:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VW0929SBS02

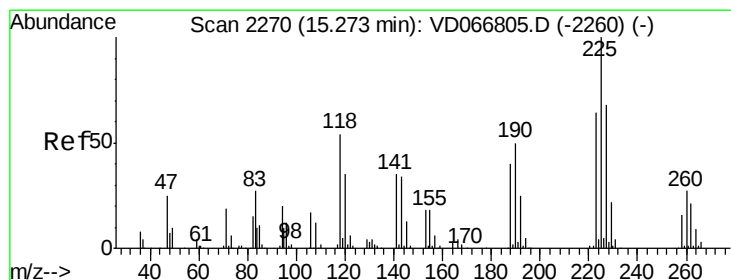
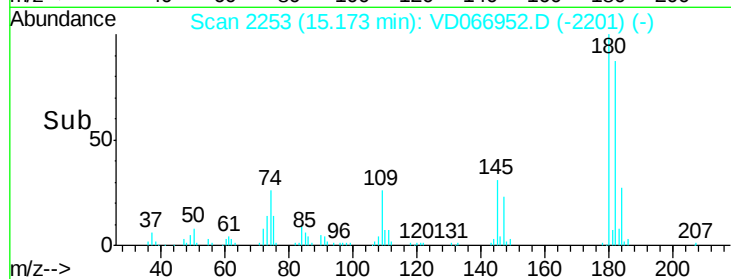
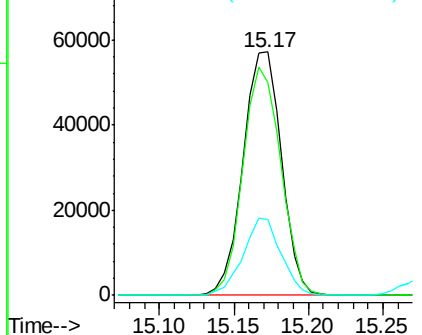
Tot Ion	Ratio	Resp	Lower	Upper
180	100	101882		
182	92.4	48.8	146.3	
145	31.5	16.7	50.0	

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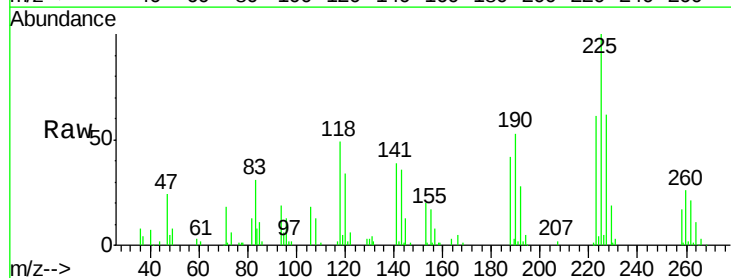


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

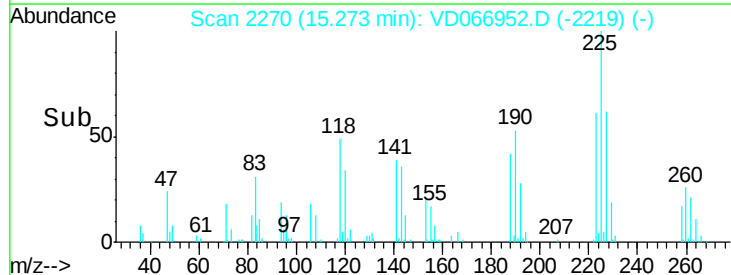
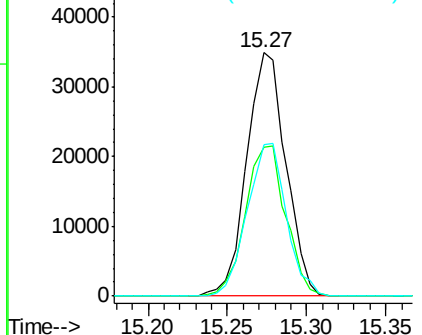


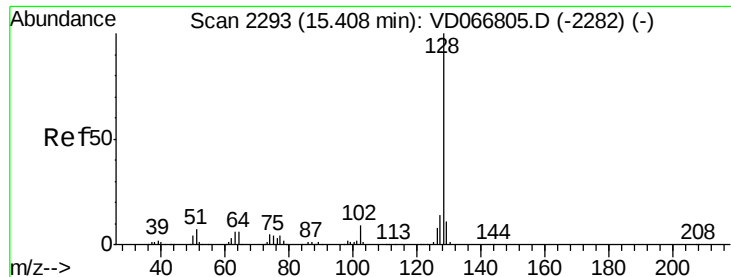
#94
 Hexachlorobutadiene
 Concen: 20.588 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066952.D
 Acq: 29 Sep 2020 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	59980		
223	63.6	31.1	93.3	
227	62.8	31.7	95.1	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





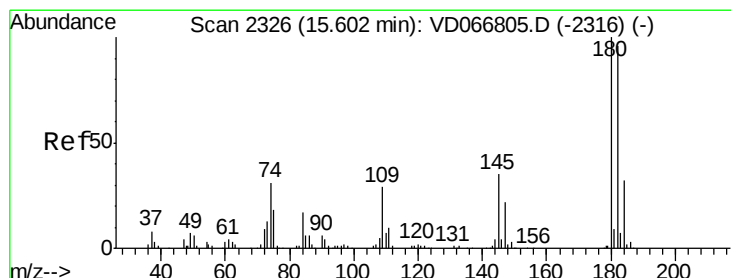
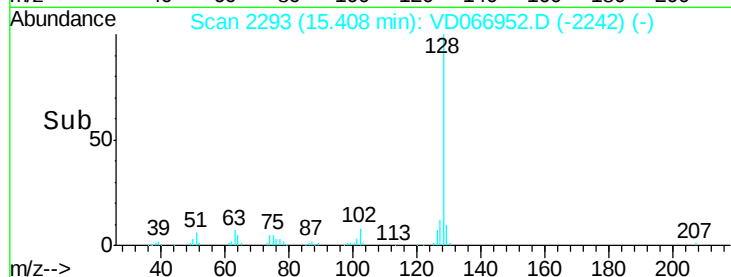
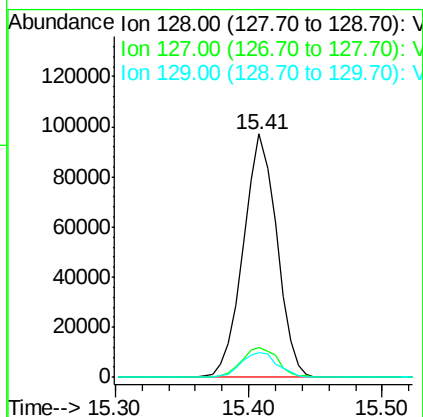
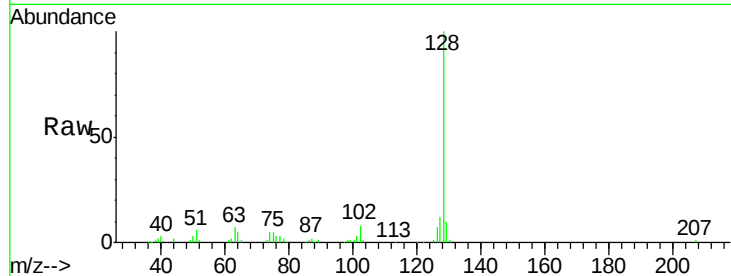
#95
Naphthalene
Concen: 20.382 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

Instrument :
MSVOA_D
ClientSampleId :
VW0929SBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	16.0
129	11.0	8.9	13.3

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#96
1,2,3-Trichlorobenzene
Concen: 21.515 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	46.8	140.3
145	34.0	17.0	51.0

